



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 126183

TO: Roy Teller
Location: REM/3D18/3C18
Art Unit: 1654

July 7, 2004

Case Serial Number: 09/943084

From: P. Sheppard
Location: Remsen Building
Phone: (571) 272-2529

sheppard@uspto.gov

Search Notes

STIC-Biotech/ChemLib

126183

From: Unknown@Unknown.com
Sent: Thursday, July 01, 2004 10:53 AM
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ResponseHeader=Commercial Database Search Request

AccessDB#= _____

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SearcherPhone= _____

SearcherBranch= _____

MyDate=Thu Jul 1 10:53:29 EDT 2004

submitto=Biotech01@uspto.gov

Name=Roy Teller

Empno=79445

Phone=571-272-0971

Artunit=1654

Office=REM-3D18

Serialnum=09943084

PatClass=514/12

Earliest=4/7/93

Format1=paper

Searchtopic= Please do an interference search of SEQ ID NO: 1, 2, 3, 4, 5, 6, and 7. Thank you.

Comments=

send=SEND

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Searcher: _____
Phone: _____
Location: _____
Date Picked Up: _____
Date Completed: _____
Searcher Prep/Review: _____
Clerical: _____
Online time: _____

TYPE OF SEARCH:
NA Sequences: _____
AA Sequences: _____
Structures: _____
Bibliographic: _____
Litigation: _____
Full text: _____
Patent Family: _____
Other: _____

VENDOR/COST (where applic.)
STN: _____
DIALOG: _____
Questel/Orbit: _____
DRLink: _____
Lexis/Nexis: _____
Sequence Sys.: _____
WWW/Internet: _____
Other (specify): _____

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:21:27 ; Search time 18.0435 Seconds
(without alignments)
100.142 Million cell updates/sec

Title: US-09-943-084-1

Perfect score: 178

Sequence: 1 ?FERRHAGFTSDVSSYLEGQAKEFIAMLVKRG 35

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	177	99.4	37	1	US-08-095-162-19
2	177	99.4	37	1	US-08-470-220A-19
3	177	99.4	37	3	US-08-967-374-19
4	177	99.4	37	3	US-09-302-596-1
5	177	99.4	37	3	US-08-472-349-1
6	177	99.4	37	4	US-09-623-618B-1
7	177	99.4	37	4	US-09-333-415-1
8	177	99.4	37	4	US-09-505-991-19
9	177	99.4	37	4	US-09-303-016-1
10	177	99.4	37	4	US-09-657-332A-1
11	177	99.4	37	4	US-09-805-507-1
12	177	99.4	37	4	US-09-876-388-1
13	177	99.4	180	3	US-08-784-582-56
14	177	99.4	180	3	US-08-784-582-58
15	177	99.4	180	3	US-08-784-582-61
16	177	99.4	360	3	US-08-784-582-73
17	174	97.8	38	3	US-09-258-750-82
18	174	97.8	38	3	US-09-258-750-83
19	174	97.8	38	4	US-09-398-111-82
20	174	97.8	38	4	US-09-398-111-83
21	174	97.8	39	3	US-09-258-750-89
22	174	97.8	39	3	US-09-258-750-90
23	174	97.8	39	4	US-09-398-111-89
24	174	97.8	39	4	US-09-398-111-90
25	171	96.1	34	4	US-09-212-663-25
26	171	96.1	35	3	US-09-258-750-58
27	171	96.1	35	4	US-09-398-111-58

28 171 96.1 36 1 US-08-095-162-19 Sequence 15, Appl
29 171 96.1 36 1 US-08-470-220A-15 Sequence 15, Appl
30 171 96.1 36 2 US-08-808-825-9 Sequence 9, Appl
31 171 96.1 36 2 US-08-899-324-1 Sequence 1, Appl
32 171 96.1 36 3 US-08-967-374-15 Sequence 15, Appl
33 171 96.1 36 3 US-08-323-832B-1 Sequence 1, Appl
34 171 96.1 36 3 US-09-258-750-59 Sequence 50, Appl
35 171 96.1 36 3 US-09-302-596-2 Sequence 2, Appl
36 171 96.1 36 3 US-08-472-349-6 Sequence 59, Appl
37 171 96.1 36 3 US-09-333-415-2 Sequence 6, Appl
38 171 96.1 36 4 US-09-505-991-15 Sequence 2, Appl
39 171 96.1 36 4 US-09-303-016-2 Sequence 15, Appl
40 171 96.1 36 4 US-09-398-111-50 Sequence 50, Appl
41 171 96.1 36 4 US-09-398-111-59 Sequence 59, Appl
42 171 96.1 36 4 US-09-805-507-2 Sequence 2, Appl
43 171 96.1 36 5 PCT-US95-15800-24 Sequence 24, Appl
44 171 96.1 37 2 US-08-807-263-2 Sequence 2, Appl
45 171 96.1 37 2 US-08-807-263-2 Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-08-095-162-19
; Sequence 19, Application US/08095162
; Patent No. 5512459
; GENERAL INFORMATION:
; APPLICANT: Wagner, Fred W.
; APPLICANT: Stout, Jay
; APPLICANT: Henriksen, Dennis
; APPLICANT: Partridge, Bruce
; APPLICANT: Manning, Shane
; TITLE OF INVENTION: Enzymatic Method for Modification of
; TITLE OF INVENTION: Recombinant Polypeptides
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESS: Merchant & Gould
; STREET: 3100 No. 5512459west Center
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/095.162
; FILING DATE: 20-JUL-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, Albin J.
; REGISTRATION NUMBER: 28,659
; REFERENCE/DOCKET NUMBER: 8648.32-US01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-332-5300
; TELEFAX: 612-332-9081
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 37 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; IMMEDIATE SOURCE:
; CLONE: GLP1 (1-37)
US-08-095-162-19

Query Match 99.4%; Score 177; DB 1; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.9e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1  TITLE OF INVENTION: Enzymatic Method for Modification of
2  TITLE OF INVENTION: Recombinant Polypeptides
3  NUMBER OF SEQUENCES: 26
4  CORRESPONDENCE ADDRESS:
5  ADDRESSEE: Merchant & Gould
6  STREET: 3100 No. 6037143west Center
7  CITY: Minneapolis
8  STATE: MN
9  COUNTRY: USA
10 ZIP: 55402
11 COMPUTER READABLE FORM:
12 MEDIUM TYPE: Floppy disk
13 COMPUTER: IBM PC compatible
14 OPERATING SYSTEM: PC-DOS/MS-DOS
15 SOFTWARE: PatentIn Release #1.0, Version #1.30
16 CURRENT APPLICATION DATA: US/08/967,374
17 FILING DATE:
18 CLASSIFICATION:
19 PRIOR APPLICATION DATA:
20 APPLICATION NUMBER: 08/520,485
21 FILING DATE: 29-AUG-1995
22 ATTORNEY/AGENT INFORMATION:
23 NAME: Carter, Charles G.
24 REGISTRATION NUMBER: 35,093
25 REFERENCE/DOCKET NUMBER: 8648.32-USDI
26 TELECOMMUNICATION INFORMATION:
27 TELEPHONE: 612-332-5300
28 TELEFAX: 612-332-9081
29 INFORMATION FOR SEQ ID NO: 19:
30 SEQUENCE CHARACTERISTICS:
31 LENGTH: 37 amino acids
32 TYPE: amino acid
33 TOPOLOGY: linear
34 MOLECULE TYPE: peptide
35 IMMEDIATE SOURCE:
36 CLONE: GLPI (1-37)
37 US-08-967-374-19
38
39 Query Match 99.4%; Score 177; DB 3; Length 37;
40 Best Local Similarity 100.0%; Pred.No. 2.9e-18;
41 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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44 |||||
45 DB 4 PERHAEGTFTSDVSSYLEGQAAKEFIAWLVKRG 37
46 |||||
47
48 RESULT 4
49 US-09-302-596-1
50 ; Sequence 1, Application US/09302596
51 ; Patent No. 6284725
52 ; GENERAL INFORMATION:
53 ; APPLICANT: Coolidge, Thomas R.
54 ; APPLICANT: Ehlers, Mario R.W.
55 ; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
56 ; TITLE OF INVENTION: Ischemic and Reperused Tissue
57 ; FILE REFERENCE: P03660U51
58 ; CURRENT APPLICATION NUMBER: US/09/302,596
59 ; CURRENT FILING DATE: 1999-04-30
60 ; PRIOR APPLICATION NUMBER: 60/103,498
61 ; PRIOR FILING DATE: 1998-10-08
62 ; NUMBER OF SEQ ID NOS: 13
63 ; SOFTWARE: PatentIn Ver. 2.0
64 ; SEQ ID NO 1
65 ; LENGTH: 37
66 ; TYPE: PRT
67 ; ORGANISM: mammalian
68 US-09-302-596-1
69
70 Query Match 99.4%; Score 177; DB 3; Length 37;
71 Best Local Similarity 100.0%; Pred.No. 2.9e-18;
72 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 PERHAEGTFTSDVSSYLEGQAQKEFIAMLVKGRG 37
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RESULT 5

US-08-472-349-1
; Sequence 1, Application US/08472349
; Patent No. 6284727
; GENERAL INFORMATION:
; APPLICANT: Kim, Yesook
; APPLICANT: Lambert, William J.
; APPLICANT: Oi, Hong
; APPLICANT: Gelfand, Robert A.
; APPLICANT: Geoghegan, Kieran P.
; APPLICANT: Danley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,349
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,655
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheyka, Robert F.
; REGISTRATION NUMBER: 31,304
; REFERENCE/DOCKET NUMBER: PC8391
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)573-1189
; TELEFAX: (212)573-1939
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 37 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: N/A
; STRAIN: N/A
; INDIVIDUAL ISOLATE: N/A
; HAPLOTYPE: N/A
; CELL LINE: N/A
; IMMEDIATE SOURCE:
; LIBRARY: N/A
; CLONE: N/A
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: N/A
; MAP POSITION: N/A
; UNITS: N/A
US-08-472-349-1

Query Match 99.4%; Score 177; DB 3; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.9e-18;

Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 4 PERHAEGTFTSDVSSYLEGQAQKEFIAMLVKGRG 37
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RESULT 6

US-09-623-618B-1
; Sequence 1, Application US/09623618B
; Patent No. 6329336
; GENERAL INFORMATION:
; APPLICANT: Bridon, Dominique P.
; APPLICANT: L'Archeveque, Benoit
; APPLICANT: Ezrin, Alan M.
; APPLICANT: Holmes, Darren L.
; APPLICANT: Leblanc, Anouk
; APPLICANT: St. Pierre, Serge
; TITLE OF INVENTION: LONG LASTING INSULINOTROPIC PEPTIDES
; FILE REFERENCE: 500862001620
; CURRENT APPLICATION NUMBER: US/09/623,618B
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: PCT/US00/13563
; PRIOR FILING DATE: 2000-05-17
; PRIOR APPLICATION NUMBER: 60/159,783
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 60/134,406
; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PPT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-09-623-618B-1

Query Match 99.4%; Score 177; DB 4; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.9e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 PERHAEGTFTSDVSSYLEGQAQKEFIAMLVKGRG 37
|||||

RESULT 7

US-09-333-415-1
; Sequence 1, Application US/09333415
; Patent No. 6344180
; GENERAL INFORMATION:
; APPLICANT: Holst, Jens J.
; APPLICANT: Vilsbøll, Tina
; TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
; TITLE OF INVENTION: Function and the Presence of the Condition of IGT and
; TITLE OF INVENTION: Type-II Diabetes
; FILE REFERENCE: P03987050
; CURRENT APPLICATION NUMBER: US/09/333,415
; CURRENT FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PPT
; ORGANISM: Homo sapiens
US-09-333-415-1

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Best Local Similarity 100.0%; Pred. No. 2.9e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FERHAGTFTSDVSSYLEGQAAKEFIAMLVKGRG 37

RESULT 8
US-09-505-991-19
; Sequence 19, Application US/09505991
; Patent No. 6403361
; GENERAL INFORMATION:
; APPLICANT: Wagner, Fred W.
; Stout, Jay
; Henriksen, Dennis
; Partridge, Bruce
; Manning, Shane
; TITLE OF INVENTION: Enzymatic Method for Modification of
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 3100 No. 6403361west Center
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/505,991
; FILING DATE: 17-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/520,485
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Carter, Charles G.
; REGISTRATION NUMBER: 35,093
; REFERENCE/DOCKET NUMBER: 8648.32-USDI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-332-5300
; TELEFAX: 612-332-9081
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 37 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; IMMEDIATE SOURCE:
; CLONE: GLP1 (1-37)
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-505-991-19

Query Match 99.4%; Score 177; DB 4; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.9e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FERHAGTFTSDVSSYLEGQAAKEFIAMLVKGRG 37

RESULT 9
US-09-303-016-1
; Sequence 1, Application US/09303016
; Patent No. 6429197
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically
; TITLE OF INVENTION: Active Analogues to Improve the Function of the

; TITLE OF INVENTION: Ischemic and Reperused Brain
; FILE REFERENCE: P03660US2
; CURRENT APPLICATION NUMBER: US/09/303,016
; CURRENT FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 60/103,498
; PRIOR FILING DATE: 1998-10-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-303-016-1

Query Match 99.4%; Score 177; DB 4; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.9e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTFTSDVSSYLEGQAAKEFIAMLVKGRG 35
Db 4 FERHAGTFTSDVSSYLEGQAAKEFIAMLVKGRG 37

RESULT 10
US-09-657-332A-1
; Sequence 1, Application US/09657332A
; Patent No. 6514500
; GENERAL INFORMATION:
; APPLICANT: Bridon, Dominique P.
; APPLICANT: L'Archeveque, Benoit
; APPLICANT: Ezrin, Alan M.
; APPLICANT: Holmes, Darren L.
; APPLICANT: Leblanc, Anouk
; APPLICANT: St Pierre, Serge
; TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
; FILE REFERENCE: 500862001600
; CURRENT APPLICATION NUMBER: US/09/657,332A
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/159,783
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 60/134,406
; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-09-657-332A-1

Query Match 99.4%; Score 177; DB 4; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.9e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FERHAGTFTSDVSSYLEGQAAKEFIAMLVKGRG 37

RESULT 11
US-09-805-507-1
; Sequence 1, Application US/09805507
; Patent No. 6579851
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/805,507
; CURRENT FILING DATE: 2001-03-14

; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP
; OTHER INFORMATION: peptide
US-09-805-507-1

Query Match 99.4%; Score 177; DB 4; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.9e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERRAEGTFTSDVSSYLEGQAAKEFIAWLKRG 35
Db 4 FERRAEGTFTSDVSSYLEGQAAKEFIAWLKRG 37

RESULT 12

US-09-876-388-1
; Sequence 1, Application US/09876388
; Patent No. 6593295

; GENERAL INFORMATION:
; APPLICANT: Bridon, Dominique P.

; APPLICANT: L'Archeveque, Benoit
; APPLICANT: Ezrin, Alan M.

; APPLICANT: Holmes, Darren L.
; APPLICANT: Leblanc, Anouk

; APPLICANT: St. Pierre, Serge
; TITLE OF INVENTION: LONG LASTING INSULINOTROPIC PEPTIDES

; FILE REFERENCE: 500862001610
; CURRENT APPLICATION NUMBER: US/09/876,388

; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: 09/623,618

; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: PCT/US00/13563

; PRIOR FILING DATE: 2000-05-17
; PRIOR APPLICATION NUMBER: 60/159,783

; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 60/134,406

; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 35

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1

; LENGTH: 37
; TYPE: PRT

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; OTHER INFORMATION: Peptide
US-09-876-388-1

Query Match 99.4%; Score 177; DB 4; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.9e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERRAEGTFTSDVSSYLEGQAAKEFIAWLKRG 35
Db 4 FERRAEGTFTSDVSSYLEGQAAKEFIAWLKRG 37

RESULT 13

US-08-784-582-56
; Sequence 56, Application US/08784582
; Patent No. 6110707

; GENERAL INFORMATION:
; APPLICANT: Newgard, Christopher B.

; APPLICANT: Halban, Philippe A.
; APPLICANT: No. 6110707mington, Karl D.

; APPLICANT: Clark, Samuel A.
; APPLICANT: Thigpen, Anice E.
; APPLICANT: Quaade, Christian
; APPLICANT: Kruse, Fred
; APPLICANT: McGarry, Dennis
; TITLE OF INVENTION: RECOMBINANT EXPRESSION OF PROTEINS FROM
; TITLE OF INVENTION: SECRETORY CELL LINES
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/784,582
; APPLICATION NUMBER: US/08/784,582
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: US 60/028,427
; FILING DATE: 15-OCT-1996
; PRIOR APPLICATION NUMBER: US 08/589,028
; FILING DATE: 19-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UTSD:514
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 180 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
US-08-784-582-56

Query Match 99.4%; Score 177; DB 3; Length 180;
Best Local Similarity 100.0%; Pred. No. 1.8e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERRAEGTFTSDVSSYLEGQAAKEFIAWLKRG 35
Db 95 FERRAEGTFTSDVSSYLEGQAAKEFIAWLKRG 128

RESULT 14

US-08-784-582-58
; Sequence 58, Application US/08784582
; Patent No. 6110707

; GENERAL INFORMATION:
; APPLICANT: Newgard, Christopher B.

; APPLICANT: Halban, Philippe A.
; APPLICANT: No. 6110707mington, Karl D.

; APPLICANT: Clark, Samuel A.
; APPLICANT: Thigpen, Anice E.
; APPLICANT: Quaade, Christian
; APPLICANT: Kruse, Fred
; APPLICANT: McGarry, Dennis
; TITLE OF INVENTION: RECOMBINANT EXPRESSION OF PROTEINS FROM
; TITLE OF INVENTION: SECRETORY CELL LINES
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433

; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/784,582
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,427
; FILING DATE: 15-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/589,028
; FILING DATE: 19-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 180 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; US-08-784-582-58

Query Match 99.4%; Score 177; DB 3; Length 180;
Best Local Similarity 100.0%; Pred. No. 1.8e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAGTFTSDVSSYLEGQAAKEFIAMLVKGRG 35
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Db 95 FERHAGTFTSDVSSYLEGQAAKEFIAMLVKGRG 128

RESULT 15

US-08-784-582-61
; Sequence 61, Application US/08784582
; Patent No. 6110707
; GENERAL INFORMATION:
; APPLICANT: Newgard, Christopher B.
; APPLICANT: Halban, Philippe A. Karl D.
; APPLICANT: No. 6110707minston, Karl D.
; APPLICANT: Clark, Samuel A.
; APPLICANT: Thigpen, Anice E.
; APPLICANT: Quade, Christian
; APPLICANT: Kruse, Fred
; APPLICANT: McGarry, Dennis
; TITLE OF INVENTION: RECOMBINANT EXPRESSION OF PROTEINS FROM
; TITLE OF INVENTION: SECRETORY CELL LINES
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/784,582

; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,427
; FILING DATE: 15-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/589,028
; FILING DATE: 19-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 180 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; US-08-784-582-61

Query Match 99.4%; Score 177; DB 3; Length 180;
Best Local Similarity 100.0%; Pred. No. 1.8e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAGTFTSDVSSYLEGQAAKEFIAMLVKGRG 35
|||||
Db 95 FERHAGTFTSDVSSYLEGQAAKEFIAMLVKGRG 128

Search completed: July 3, 2004, 00:28:47
Job time : 19.0435 secs

TELEFAX: (212)573-1939
TELEX: N/A

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 37 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: N-terminal

ORIGINAL SOURCE:

ORGANISM: N/A

STRAIN: N/A

INDIVIDUAL ISOLATE: N/A

HAPLOTYPE: N/A

CELL LINE: N/A

IMMEDIATE SOURCE:

LIBRARY: N/A

CLONE: N/A

POSITION IN GENOME:

CHROMOSOME/SEGMENT: N/A

MAP POSITION: N/A

UNITS: N/A

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

US-09-943-084-1

Query Match 99.4%; Score 177; DB 10; Length 35;

Best Local Similarity 100.0%; Pred. No. 1.7e-18;

Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 35

Db 2 FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 35

RESULT 2

US-10-215-272-32

Sequence 32, Application US/10215272

Publication No. US20040002469A1

GENERAL INFORMATION:

APPLICANT: Genzyme Corporation

APPLICANT: Wadsworth, Samuel C.

APPLICANT: Armentano, Donna

APPLICANT: Gregory, Richard J.

APPLICANT: Parsons, Geoffrey

TITLE OF INVENTION: Methods of Treating Diabetes and Other

FILE REFERENCE: 2478.2019002 PCT

CURRENT APPLICATION NUMBER: US/10/215,272

PRIOR FILING DATE: 2002-08-07

PRIOR FILING DATE: 2001-08-08

NUMBER OF SEQ ID NOS: 54

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 32

LENGTH: 35

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)

US-10-215-272-32

Query Match

Best Local Similarity 99.4%; Score 177; DB 15; Length 35;

Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 35

Db 2 FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 35

RESULT 3

US-10-215-272-31

Sequence 31, Application US/10215272

Publication No. US20040002469A1

GENERAL INFORMATION:

APPLICANT: Genzyme Corporation

APPLICANT: Wadsworth, Samuel C.

APPLICANT: Armentano, Donna

APPLICANT: Gregory, Richard J.

APPLICANT: Parsons, Geoffrey

TITLE OF INVENTION: Methods of Treating Diabetes and Other

FILE REFERENCE: 2478.2019002 PCT

CURRENT APPLICATION NUMBER: US/10/215,272

CURRENT FILING DATE: 2002-08-07

PRIOR APPLICATION NUMBER: US 60/310,982

PRIOR FILING DATE: 2001-08-08

NUMBER OF SEQ ID NOS: 54

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 31

LENGTH: 36

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)

US-10-215-272-31

Query Match 99.4%; Score 177; DB 15; Length 36;

Best Local Similarity 100.0%; Pred. No. 1.7e-18;

Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 35

Db 3 FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 36

RESULT 4

US-09-876-388-1

Sequence 1, Application US/09876388

Patent No. US20020049153A1

GENERAL INFORMATION:

APPLICANT: Bridon, Dominique P.

APPLICANT: L'Archeveque, Benoit

APPLICANT: Ezrin, Alan M.

APPLICANT: Holmes, Darren L.

APPLICANT: Lebanc, Anouk

APPLICANT: St. Pierre, Serge

TITLE OF INVENTION: LONG LASTING INSULINOTROPIC PEPTIDES

FILE REFERENCE: 500862001610

CURRENT APPLICATION NUMBER: US/09/876,388

CURRENT FILING DATE: 2001-09-24

PRIOR APPLICATION NUMBER: 09/623,618

PRIOR FILING DATE: 2000-09-05

PRIOR APPLICATION NUMBER: PCT/US00/13563

PRIOR FILING DATE: 2000-05-17

PRIOR APPLICATION NUMBER: 60/159,783

PRIOR FILING DATE: 1999-10-15

PRIOR APPLICATION NUMBER: 60/134,406

PRIOR FILING DATE: 1999-05-17

NUMBER OF SEQ ID NOS: 35

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 1

LENGTH: 37

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: Peptide

US-09-876-388-1

Query Match

Best Local Similarity 99.4%; Score 177; DB 9; Length 37;

Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
; FILE REFERENCE: P03660US6
; CURRENT APPLICATION NUMBER: US/09/953,021B
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-953-021B-1

Query Match 99.4%; Score 177; DB 9; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAEGTFTSDVSSYLEGQAQAEFIAMLVKGRG 35
Db 4 FERHAEGTFTSDVSSYLEGQAQAEFIAMLVKGRG 37

RESULT 10

US-10-091-258-1
; Sequence 1, Application US/10091258
; Publication No. US20030073626A1
; GENERAL INFORMATION:
; APPLICANT: Hathaway, David R
; APPLICANT: Coolidge, Thomas R
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
; FILE REFERENCE: RGN-2
; CURRENT APPLICATION NUMBER: US/10/091,258
; CURRENT FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: mammalian
US-10-091-258-1

Query Match 99.4%; Score 177; DB 14; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAEGTFTSDVSSYLEGQAQAEFIAMLVKGRG 35
Db 4 FERHAEGTFTSDVSSYLEGQAQAEFIAMLVKGRG 37

RESULT 11

US-10-055-259-1
; Sequence 1, Application US/10055259
; Publication No. US20030091507A1
; GENERAL INFORMATION:
; APPLICANT: Holist, Jens J.
; APPLICANT: Vallsboll, Tina
; TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND TH
; FILE REFERENCE: P03987US1
; CURRENT APPLICATION NUMBER: US/10/055,259
; CURRENT FILING DATE: 2002-06-21
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-055-259-1

Query Match 99.4%; Score 177; DB 14; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;

Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 4 FERHAEGTFTSDVSSYLEGQAQAEFIAMLVKGRG 37

RESULT 12

US-10-287-892-1
; Sequence 1, Application US/10287892
; Publication No. US20030108567A1
; GENERAL INFORMATION:
; APPLICANT: Bridon, Dominique P.
; APPLICANT: L'Archeveque, Benoit
; APPLICANT: Ezrin, Alan M.
; APPLICANT: Holmes, Darren L.
; APPLICANT: Leblanc, Anouk
; APPLICANT: St. Pierre, Serge
; TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
; FILE REFERENCE: 500862001612
; CURRENT APPLICATION NUMBER: US/10/287,892
; CURRENT FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: 09/657,332
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: 60/159,783
; PRIOR FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-10-287-892-1

Query Match 99.4%; Score 177; DB 14; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAEGTFTSDVSSYLEGQAQAEFIAMLVKGRG 35
Db 4 FERHAEGTFTSDVSSYLEGQAQAEFIAMLVKGRG 37

RESULT 13

US-10-288-340-1
; Sequence 1, Application US/10288340
; Publication No. US20030108568A1
; GENERAL INFORMATION:
; APPLICANT: Bridon, Dominique P.
; APPLICANT: Ezrin, Alan M.
; APPLICANT: Holmes, Darren L.
; APPLICANT: Leblanc, Anouk
; APPLICANT: St. Pierre, Serge
; TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
; FILE REFERENCE: 500862001611
; CURRENT APPLICATION NUMBER: US/10/288,340
; CURRENT FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: 09/657,332
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: 60/159,783
; PRIOR FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-288-340-1

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; OTHER INFORMATION: Peptide
US-10-288-340-1

Query Match          99.4%; Score 177; DB 14; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 FERHAEGTFTSDVSSYLEGQAQKEFIAMLVKGRG 37

RESULT 14
US-10-097-230-1
; Sequence 1, Application US/10097230
; Publication No. US20030186436A1
; GENERAL INFORMATION:
; APPLICANT: Perfetti, Riccardo
; APPLICANT: Hui, Hongxiang
; TITLE OF INVENTION: Glucose-Dependent Insulin-Secreting Cells Transfected with a Nuc
; TITLE OF INVENTION: Sequence Encoding GLP-1
; FILE REFERENCE: 81476-0249704
; CURRENT APPLICATION NUMBER: US/10/097,230
; CURRENT FILING DATE: 2002-03-12
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-097-230-1

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Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 FERHAEGTFTSDVSSYLEGQAQKEFIAMLVKGRG 37

RESULT 15
US-10-322-839-1
; Sequence 1, Application US/10322839
; Publication No. US20040002454A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario
; APPLICANT: Ehlers, Mario
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: P05671US2
; CURRENT APPLICATION NUMBER: US/10/322,839
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP peptide
US-10-322-839-1

Query Match          99.4%; Score 177; DB 15; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAEGTFTSDVSSYLEGQAQKEFIAMLVKGRG 35
DB 4 FERHAEGTFTSDVSSYLEGQAQKEFIAMLVKGRG 37

; OTHER INFORMATION: Peptide
US-10-288-340-1

Query Match          99.4%; Score 177; DB 14; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 FERHAEGTFTSDVSSYLEGQAQKEFIAMLVKGRG 37

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Db 4 FERHAEGTFTSDVSSYLEGQAQKEFIAMLVKGRG 37

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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:22:02 ; Search time 224.348 Seconds
(without alignments)
152.272 Million cell updates/sec

Title: US-09-943-084-1
Perfect score: 178
Sequence: 1 ?FERHAGTFTSDVSSYLEGQAKEPIAWLVKGRG 35

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Gapop 10.0 , Gapext 0.5

Searched: 6019581 seqs, 976053577 residues

Total number of hits satisfying chosen parameters: 6019581

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Maximum DB seq length: 2000000000

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Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	177	99.4	35	1	PCT-US02-25227-32	Sequence 32, Appl
2	177	99.4	35	24	US-09-943-084-1	Sequence 1, Appl
3	177	99.4	35	28	US-10-215-272-32	Sequence 32, Appl
4	177	99.4	36	1	PCT-US02-25227-31	Sequence 31, Appl
5	177	99.4	36	28	US-10-215-272-31	Sequence 31, Appl
6	177	99.4	37	1	PCT-US02-13088-1	Sequence 1, Appl
7	177	99.4	37	3	US-07-899-073-1	Sequence 1, Appl
8	177	99.4	37	4	US-08-044-133-1	Sequence 1, Appl
9	177	99.4	37	7	US-08-356-231-1	Sequence 1, Appl
10	177	99.4	37	9	US-08-520-485-19	Sequence 19, Appl
11	177	99.4	37	20	US-09-623-548A-343	Sequence 343, App
12	177	99.4	37	20	US-09-646-433-1	Sequence 1, Appl
13	177	99.4	37	20	US-09-657-376-343	Sequence 343, App
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15	177	99.4	37	23	US-09-851-738-1	Sequence 1, Appl
16	177	99.4	37	23	US-09-853-804-1	Sequence 1, Appl
17	177	99.4	37	25	US-09-953-021-1	Sequence 1, Appl
18	177	99.4	37	25	US-09-953-021B-1	Sequence 1, Appl
19	177	99.4	37	25	US-09-982-978-1	Sequence 1, Appl
20	177	99.4	37	26	US-10-055-259-1	Sequence 1, Appl
21	177	99.4	37	26	US-10-091-258-1	Sequence 1, Appl
22	177	99.4	37	26	US-10-097-230-1	Sequence 1, Appl
23	177	99.4	37	28	US-10-287-892-1	Sequence 1, Appl
24	177	99.4	37	28	US-10-288-340-1	Sequence 1, Appl
25	177	99.4	37	29	US-10-322-839-1	Sequence 1, Appl
26	177	99.4	37	32	US-10-723-099-1	Sequence 1, Appl
27	177	99.4	180	1	PCT-US02-40891-630	Sequence 630, App
28	177	99.4	180	1	PCT-US02-40891-632	Sequence 632, App
29	177	99.4	180	1	PCT-US02-40891-633	Sequence 633, App
30	177	99.4	180	1	PCT-US02-40891-634	Sequence 634, App
31	177	99.4	180	1	PCT-US02-40891-1246	Sequence 1246, Ap
32	177	99.4	180	1	PCT-US02-40891-1247	Sequence 1247, Ap
33	177	99.4	180	1	PCT-US02-40891-1248	Sequence 1248, Ap
34	177	99.4	180	1	PCT-US02-40891-1249	Sequence 1249, Ap
35	177	99.4	180	1	PCT-US02-40891-1250	Sequence 1250, Ap
36	177	99.4	180	1	PCT-US02-40891-1727	Sequence 1727, Ap
37	177	99.4	180	1	PCT-US02-40891-1775	Sequence 1775, Ap
38	177	99.4	180	1	PCT-US02-40891-1776	Sequence 1776, Ap
39	177	99.4	180	1	PCT-US02-40892-198	Sequence 198, App
40	177	99.4	180	1	PCT-US02-40892-199	Sequence 199, App
41	177	99.4	180	1	PCT-US02-40892-200	Sequence 200, App
42	177	99.4	180	1	PCT-US02-40892-201	Sequence 201, App
43	177	99.4	180	1	PCT-US02-40892-426	Sequence 426, App
44	177	99.4	180	1	PCT-US02-40892-427	Sequence 427, App
45	177	99.4	180	1	PCT-US02-40892-428	Sequence 428, App

ALIGNMENTS

RESULT 1
PCT-US02-25227-32
; Sequence 32, Application PC/TUS0225227
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel C.
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other
; FILE REFERENCE: 2478.2019002 PCT
; CURRENT APPLICATION NUMBER: PCT/US02/25227
; CURRENT FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 35
; TYPE: RPT
; ORGANISM: Artificial Sequence
; FEATURE:

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; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
PCT-US02-25227-32
;
; UNITS: N/A
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-943-084-1
Query Match          99.4%; Score 177; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 2e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 FERHAEGTFTSDVSSYLEGQAQKEFTIAWLVKRG 35
Db 2 FERHAEGTFTSDVSSYLEGQAQKEFTIAWLVKRG 35

RESULT 2
US-09-943-084-1
; Sequence 1, Application US/09943084
; GENERAL INFORMATION:
; APPLICANT: Kim, Vesook
;   Lambert, William J.
;   Qi, Hong
;   Gelfand, Robert A.
;   Geoghegan, Kieran P.
;   Danley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/943,084
; FILING DATE: 31-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,655
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: SheyKa, Robert F.
; REGISTRATION NUMBER: 31,304
; REFERENCE/DOCKET NUMBER: PC9391
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)573-1189
; TELEFAX: (212)573-1939
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 37 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHEetical: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: N/A
; STRAIN: N/A
; INDIVIDUAL ISOLATE: N/A
; HAPLOTYPE: N/A
; CELL LINE: N/A
; IMMEDIATE SOURCE:
; LIBRARY: N/A
; CLONE: N/A
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: N/A
; MAP POSITION: N/A

;
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
PCT-US02-25227-31
;
; UNITS: N/A
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-943-084-1
Query Match          99.4%; Score 177; DB 24; Length 35;
Best Local Similarity 100.0%; Pred. No. 2e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 FERHAEGTFTSDVSSYLEGQAQKEFTIAWLVKRG 35
Db 2 FERHAEGTFTSDVSSYLEGQAQKEFTIAWLVKRG 35

RESULT 3
US-10-215-272-32
; Sequence 32, Application US/10215272
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
;   Applicant: Wadsworth, Samuel C.
;   Applicant: Armentano, Donna
;   Applicant: Gregory, Richard J.
;   Applicant: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other
; FILE REFERENCE: Blood Sugar Disorders
; CURRENT APPLICATION NUMBER: US/10/215,272
; CURRENT FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 35
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
US-10-215-272-32
Query Match          99.4%; Score 177; DB 28; Length 35;
Best Local Similarity 100.0%; Pred. No. 2e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 FERHAEGTFTSDVSSYLEGQAQKEFTIAWLVKRG 35
Db 2 FERHAEGTFTSDVSSYLEGQAQKEFTIAWLVKRG 35

RESULT 4
PCT-US02-25227-31
; Sequence 31, Application PC/TUS0225227
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
;   Applicant: Wadsworth, Samuel C.
;   Applicant: Armentano, Donna
;   Applicant: Gregory, Richard J.
;   Applicant: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other
; FILE REFERENCE: Blood Sugar Disorders
; CURRENT APPLICATION NUMBER: PCT/US02/25227
; CURRENT FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)
PCT-US02-25227-31
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Query Match 99.4%; Score 177; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 2e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTSDVSSYLEGQAQKEFIAMLVKRG 35
DB 3 FERHAGTSDVSSYLEGQAQKEFIAMLVKRG 36

RESULT 5

US-10-215-272-31
; Sequence 31, Application US/10215272
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel C.
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other
; FILE REFERENCE: Blood Sugar Disorders
; CURRENT APPLICATION NUMBER: US/10/215,272
; CURRENT FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)
US-10-215-272-31

Query Match 99.4%; Score 177; DB 28; Length 36;
Best Local Similarity 100.0%; Pred. No. 2e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTSDVSSYLEGQAQKEFIAMLVKRG 35
DB 3 FERHAGTSDVSSYLEGQAQKEFIAMLVKRG 36

RESULT 6

PCT-US02-13088-1
; Sequence 1, Application PC/TUS0213088
; GENERAL INFORMATION:
; APPLICANT: Restoragen, Inc.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
; FILE REFERENCE: RGN-3
; CURRENT APPLICATION NUMBER: PCT/US02/13088
; CURRENT FILING DATE: 2002-04-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: mammalian
PCT-US02-13088-1

Query Match 99.4%; Score 177; DB 1; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTSDVSSYLEGQAQKEFIAMLVKRG 35
DB 4 FERHAGTSDVSSYLEGQAQKEFIAMLVKRG 37

RESULT 7

US-07-899-073-1
; Sequence 1, Application US/07899073
; GENERAL INFORMATION:
; APPLICANT: Andrews, Glenn C.
; APPLICANT: Daumy, Gaston O.
; APPLICANT: Francoeur, Michael L.
; APPLICANT: Larson, Eric R.
; TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
; DERIVATIVES
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gregg C. Benson, Pfizer Inc
; STREET: Eastern Point Road
; CITY: Groton
; STATE: CT
; COUNTRY: USA
; ZIP: 06340

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/899,073
; FILING DATE: 19920615
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Benson, Gregg C.
; REGISTRATION NUMBER: 30,997
; REFERENCE/DOCKET NUMBER: PC8156GCB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 441-4901
; TELEFAX: (203) 441-5221
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 37 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-07-899-073-1

Query Match 99.4%; Score 177; DB 3; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTSDVSSYLEGQAQKEFIAMLVKRG 35
DB 4 FERHAGTSDVSSYLEGQAQKEFIAMLVKRG 37

RESULT 8

US-08-044-133-1
; Sequence 1, Application US/08044133
; GENERAL INFORMATION:
; APPLICANT: Kim, Yesook
; APPLICANT: Lambert, William J.
; APPLICANT: Qi, Hong
; APPLICANT: Gelfand, Robert A.
; APPLICANT: Geoghegan, Kieran F.
; APPLICANT: Danley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/044,133
FILING DATE: 07-APR-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 amino acids
TYPE: amino acid
STRANDEDNESS: single
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
US-08-044-133-1

Query Match 99.4%; Score 177; DB 4; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTFTSDVSSYLEGQAARFIAMLVKGRG 35
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DB 4 FERHAGTFTSDVSSYLEGQAARFIAMLVKGRG 37
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RESULT 9
US-08-356-231-1
Sequence 1, Application US/08356231
GENERAL INFORMATION:
APPLICANT: Andrews, Glenn C.
APPLICANT: Daumy, Gaston O.
APPLICANT: Francoeur, Michael L.
APPLICANT: Larson, Eric R.
APPLICANT: Pfizer Inc, (Non-US)
TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
DERIVATIVES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gregg C. Benson, Pfizer Inc
STREET: Eastern Point Road
CITY: Groton
STATE: CT
COUNTRY: USA
ZIP: 06340
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,231

FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/899,073
FILING DATE: 15-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Benson, Gregg C.
REGISTRATION NUMBER: 30,997
REFERENCE/DOCKET NUMBER: PC8156AGCB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 441-4901
TELEFAX: (203) 441-5221
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-356-231-1

Query Match 99.4%; Score 177; DB 7; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTFTSDVSSYLEGQAARFIAMLVKGRG 35
|||||
DB 4 FERHAGTFTSDVSSYLEGQAARFIAMLVKGRG 37
|||||

RESULT 10
US-08-520-485-19
Sequence 19, Application US/08520485
GENERAL INFORMATION:
APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSES: Merchant & Gould
STREET: 3100 Norwest Center
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,485
FILING DATE: 29-AUG-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648-32-USD1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLP1 (1-37)
US-08-520-485-19

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US-09-646-433-1
Query Match          99.4%; Score 177; DB 20; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 PERHAGTTSDVSSYLEGQAQAKEFIAMLVKGRG 35
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DB      4 PERHAGTTSDVSSYLEGQAQAKEFIAMLVKGRG 37

RESULT 13
US-09-657-276-343
; Sequence 343, Application US/09657276
; GENERAL INFORMATION:
; APPLICANT: Conjughem, Inc.
; APPLICANT: Bridon, Dominique
; APPLICANT: Ezrin, Alan
; APPLICANT: Milner, Peter
; APPLICANT: Holmes, Darren
; APPLICANT: Thibaudau, Karen
; TITLE OF INVENTION: PROTECTION OF ENDOGENOUS THERAPEUTIC PEPTIDES FROM
; TITLE OF INVENTION: PEPTIDASE ACTIVITY THROUGH CONJUGATION TO BLOOD
; TITLE OF INVENTION: COMPONENTS
; FILE REFERENCE: 2110
; CURRENT APPLICATION NUMBER: US/09/657,276
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: 60/134,406
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: 60/153,406
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: 60/159,783
; PRIOR FILING DATE: 1999-10-18
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 343
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Artificial Sequence
; PRATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-09-657-276-343

Query Match          99.4%; Score 177; DB 20; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 PERHAGTTSDVSSYLEGQAQAKEFIAMLVKGRG 35
      |||||
DB      4 PERHAGTTSDVSSYLEGQAQAKEFIAMLVKGRG 37

RESULT 14
US-09-719-410-1
; Sequence 1, Application US/09719410
; GENERAL INFORMATION:
; APPLICANT: Goke, Burkhard
; APPLICANT: Byrne, Maria
; TITLE OF INVENTION: Glucagon-Like Peptide-1 Improves the Ability of the
; TITLE OF INVENTION: B-Cell to Sense and Respond to Glucose in Subjects with
; TITLE OF INVENTION: Impaired Glucose Tolerance
; FILE REFERENCE: P03986US2
; CURRENT APPLICATION NUMBER: US/09/719,410
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: PCT/US99/10040
; PRIOR FILING DATE: 1999-05-07
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: mammalian

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Search completed: July 3, 2004, 00:46:13
Job time : 225.348 secs

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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:25:27 ; Search time 16.52i7 Seconds
(without alignments)
105.442 Million cell updates/sec

Title: US-09-943-084-1

Perfect score: 178
Sequence: 1 ?FERHAGTTSVSSYLEGQAKEFTAWLVKGRG 35

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Total number of hits satisfying chosen parameters: 327902

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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4: /cgn2_6/ptodata/2/paa/US08_NEW_COMB.pep.*
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6: /cgn2_6/ptodata/2/paa/US10_NEW_COMB.pep.*
7: /cgn2_6/ptodata/2/paa/US60_NEW_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	177	99.4	35	US-10-716-326-32	Sequence 32, Appl
2	177	99.4	35	US-10-715-976-32	Sequence 32, Appl
3	177	99.4	36	US-10-716-326-31	Sequence 31, Appl
4	177	99.4	36	US-10-715-976-31	Sequence 31, Appl
5	177	99.4	37	US-10-723-099A-1	Sequence 1, Appli
6	177	99.4	37	US-10-722-733-1	Sequence 2, Appli
7	177	99.4	180	US-09-635-679E-2	Sequence 198, App
8	177	99.4	180	US-10-775-180-198	Sequence 199, App
9	177	99.4	180	US-10-775-180-199	Sequence 200, App
10	177	99.4	180	US-10-775-180-200	Sequence 201, App
11	177	99.4	180	US-10-775-180-201	Sequence 426, App
12	177	99.4	180	US-10-775-180-426	Sequence 427, App
13	177	99.4	180	US-10-775-180-427	Sequence 428, App
14	177	99.4	180	US-10-775-180-428	Sequence 429, App
15	177	99.4	180	US-10-775-180-429	Sequence 430, App
16	177	99.4	180	US-10-775-180-430	Sequence 631, App
17	177	99.4	180	US-10-775-180-631	Sequence 675, App
18	177	99.4	180	US-10-775-180-675	Sequence 676, App
19	177	99.4	180	US-10-775-180-676	Sequence 630, App
20	177	99.4	180	US-10-775-204-630	Sequence 632, App
21	177	99.4	180	US-10-775-204-632	Sequence 633, App
22	177	99.4	180	US-10-775-204-633	Sequence 634, App
23	177	99.4	180	US-10-775-204-634	Sequence 1246, Ap
24	177	99.4	180	US-10-775-204-1246	Sequence 1247, Ap
25	177	99.4	180	US-10-775-204-1247	Sequence 1248, Ap
26	177	99.4	180	US-10-775-204-1248	

27 177 99.4 180 6 US-10-775-204-1249 Sequence 1249, Ap
28 177 99.4 180 6 US-10-775-204-1250 Sequence 1250, Ap
29 177 99.4 180 6 US-10-775-204-1727 Sequence 1727, Ap
30 177 99.4 180 6 US-10-775-204-1727 Sequence 1775, Ap
31 177 99.4 180 6 US-10-775-204-1775 Sequence 1776, Ap
32 177 99.4 180 6 US-10-793-677-1 Sequence 1, Appli
33 177 99.4 180 6 US-10-793-677-1 Sequence 1029, Ap
34 177 99.4 180 7 US-60-568-073-1029 Sequence 16, Appl
35 171 96.1 37 6 US-10-723-099A-16 Sequence 25, Appl
36 171 96.1 37 6 US-10-723-099A-25 Sequence 26, Appl
37 171 96.1 37 6 US-10-723-099A-26 Sequence 16, Appl
38 171 96.1 37 6 US-10-722-733-16 Sequence 25, Appl
39 171 96.1 37 6 US-10-722-733-25 Sequence 26, Appl
40 171 96.1 37 6 US-10-722-733-26 Sequence 33, Appl
41 166 93.3 32 6 US-10-716-326-33 Sequence 33, Appl
42 166 93.3 32 6 US-10-715-976-33 Sequence 6, Appli
43 163 91.6 77 6 US-10-716-326-6 Sequence 18, Appl
44 163 91.6 77 6 US-10-716-326-18 Sequence 6, Appli
45 163 91.6 77 6 US-10-715-976-6

ALIGNMENTS

RESULT 1

US-10-716-326-32
; Sequence 32, Application US/10716326

; GENERAL INFORMATION: Genzyme Corporation

; APPLICANT: Wadsworth, Samuel

; APPLICANT: Armentano, Donna

; APPLICANT: Gregory, Richard J.

; APPLICANT: Parsons, Geoffrey

; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders

; FILE REFERENCE: 5062CIP

; CURRENT APPLICATION NUMBER: US/10716,326

; PRIOR FILING DATE: 2003-11-17

; PRIOR APPLICATION NUMBER: US 10/215,272

; PRIOR FILING DATE: 2002-08-07

; PRIOR APPLICATION NUMBER: US 60/310,982

; NUMBER OF SEQ ID NOS: 54

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 32

; LENGTH: 35

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)

US-10-716-326-32

Query Match 99.4%; Score 177; DB 6; Length 35;

Best Local Similarity 100.0%; Pred. No. 9.6e-18;

Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTTSVSSYLEGQAKEFTAWLVKGRG 35

Db 2 FERHAGTTSVSSYLEGQAKEFTAWLVKGRG 35

RESULT 2

US-10-715-976-32

; Sequence 32, Application US/10715976

; GENERAL INFORMATION: Genzyme Corporation

; APPLICANT: Wadsworth, Samuel

; APPLICANT: Armentano, Donna

; APPLICANT: Gregory, Richard J.

; APPLICANT: Parsons, Geoffrey

; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders

; FILE REFERENCE: 5121

; CURRENT APPLICATION NUMBER: US/10715,976

; CURRENT FILING DATE: 2003-11-17

```

; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 32
; LENGTH: 35
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
US-10-715-976-32

```

Query Match 99.4%; Score 177; DB 6; Length 35;
Best Local Similarity 100.0%; Pred.No. 9.6e-18;
Matches 34; Conservative 0; Mismatches 0; Indels

Qy 2 FERHAEGFTSDVSSYLEGQAAKEFIWLVKGRG 35
|||
Db 2 FERHAEGFTSDVSSYLEGQAAKEFIWLVKGRG 35
|||

```

RESULT 3
US-10-716-326-31
; Sequence 31, Application US/10716326
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5062CIP
; CURRENT APPLICATION NUMBER: US/10/716,326
; CURRENT FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 10/215,272
; PRIOR FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 31
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)
US-10-716-326-31

```

Query Match 99.4%; Score 177; DB 6; Length 36;
Best Local Similarity 100.0%; Pred. No. 9.8e-18;
Matches 34; Conservative 0; Mismatches 0; Indels

QY	2 PERHAETFTSDVSSYLEGOAAKEFWLNVKGRG 35
Db	3 PERHAETFTSDVSSYLEGOAAKEFWLNVKGRG 36

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RESULT 4
US-10-715-976-31
; Sequence 31, Application US/10715976
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5121
; CURRENT APPLICATION NUMBER: US/10/715,976
; CURRENT FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 31
; LENGTH: 36
; TYPE: PRT

```

```

; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)
US-10-715-976-31

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Query Match	99.4%	Score 177;	DB 6;	Length 36;
Best Local Similarity	100.0%;	Pred. No. 9.8e-18;		
Matches 34;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	2	FERHAETFTSDVSSYLEGQAQAEFI	AWLVKGRG	35
DB	3	FERHAETFTSDVSSYLEGQAQAEFI	AWLVKGRG	36

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RESULT 5
US-10-723-099A-1
; Sequence 1, Application US/10723099A
; GENERAL INFORMATION:
; APPLICANT: Bridon, Dominique P.
; APPLICANT: L'Archeveque, Benoit
; APPLICANT: Ezrin, Alan M.
; APPLICANT: Holmes, Darren L.
; APPLICANT: Leblanc, Anouk
; APPLICANT: St. Pierre, Serge
; TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
; FILE REFERENCE: 500862001602
; CURRENT APPLICATION NUMBER: US/10/723,099A
; CURRENT FILING DATE: 2003-11-25
; PRIOR APPLICATION NUMBER: 09/657,332
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: 60/159,783
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 60/134,406
; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-10-723-099A-1

```

Query Match	99.4%	Score 177;	DB 6;	Length 37;
Best Local Similarity	100.0%;	Pred. No. 1e-17;		
Matches 34:	Conservative	0;	Mismatches	0;
	Indels	0;	Gaps	0;

Qy	2	PERHAECTFTSDVSSYLEGOAAKEFTAWLVKGRG	35
Dp	4 <th>PERHAECTFTSDVSSYLEGOAAKEFTAWLVKGRG</th> <th>37</th>	PERHAECTFTSDVSSYLEGOAAKEFTAWLVKGRG	37

RESULT 6
US-10-722-733-1
Sequence 1, Application US/10722733
GENERAL INFORMATION:
APPLICANT: Bridon, Dominique P.
APPLICANT: L'Archeveque, Benoit
APPLICANT: Ezrin, Alan M.
APPLICANT: Holmes, Darren L.
APPLICANT: Leblanc, Anouk
APPLICANT: St. Pierre, Serge
TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
FILE REFERENCE: 500862001611
CURRENT APPLICATION NUMBER: US/10722,733
CURRENT FILING DATE: 2003-11-25
PRIOR APPLICATION NUMBER: US/10/288,340
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: 09/657,332
PRIOR FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: 60/159,783

; PRIOR FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
; OTHER INFORMATION: Peptide
US-10-722-733-1

Query Match 99.4%; Score 177; DB 6; Length 37;
Best Local Similarity 100.0%; Pred. No. 1e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTFTSDVSSYLEGQAAKEFTIAWLVKRG 35
DB 4 FERHAGTFTSDVSSYLEGQAAKEFTIAWLVKRG 37

RESULT 7
US-09-635-679E-2
; Sequence 2, Application US/09635679E
; GENERAL INFORMATION:
; APPLICANT: Habener, Joel
; TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
; FILE REFERENCE: 0609.1090009
; CURRENT APPLICATION NUMBER: US/09/635,679E
; CURRENT FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: 09/090,949
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 08/749,762
; PRIOR FILING DATE: 1996-11-20
; PRIOR APPLICATION NUMBER: 08/156,800
; PRIOR FILING DATE: 1993-11-23
; PRIOR APPLICATION NUMBER: 07/756,215
; PRIOR FILING DATE: 1991-09-05
; PRIOR APPLICATION NUMBER: 07/532,111
; PRIOR FILING DATE: 1990-06-01
; PRIOR APPLICATION NUMBER: 07/148,517
; PRIOR FILING DATE: 1988-01-26
; PRIOR APPLICATION NUMBER: 06/859,928
; PRIOR FILING DATE: 1986-05-05
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 180
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: preproglucagon precursor
US-09-635-679E-2

Query Match 99.4%; Score 177; DB 5; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTFTSDVSSYLEGQAAKEFTIAWLVKRG 35
DB 95 FERHAGTFTSDVSSYLEGQAAKEFTIAWLVKRG 128

RESULT 8
US-10-775-180-198
; Sequence 198, Application US/10775180
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Haseltine, William A.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: PF574
; CURRENT APPLICATION NUMBER: US/10/775,180
; CURRENT FILING DATE: 2004-02-11

; PRIOR APPLICATION NUMBER: PCT/US02/40892
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: 60/341,811
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/360,000
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/378,950
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/398,008
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/411,355
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/414,984
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 858
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 198
; LENGTH: 180
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-775-180-198

Query Match 99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTFTSDVSSYLEGQAAKEFTIAWLVKRG 35
DB 95 FERHAGTFTSDVSSYLEGQAAKEFTIAWLVKRG 128

RESULT 9
US-10-775-180-199
; Sequence 199, Application US/10775180
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Haseltine, William A.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: PF574
; CURRENT APPLICATION NUMBER: US/10/775,180
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: PCT/US02/40892
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: 60/341,811
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/360,000
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/378,950
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/398,008
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/411,355
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/414,984
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 858
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 199
; LENGTH: 180

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-775-180-199

Query Match          99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLKGRG 35
DB 95 FERHAEGTFTSDVSSYLEGQAAKEFIAWLKGRG 128

RESULT 10
US-10-775-180-200
; Sequence 200, Application US/10775180
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: PF574
; CURRENT APPLICATION NUMBER: US/10/775,180
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: PCT/US02/40892
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: 60/341,811
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/360,000
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/378,950
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/398,008
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/411,355
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/414,984
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Patentin Ver. 2.0
; NUMBER OF SEQ ID NOS: 858
; SEQ ID NO 200
; LENGTH: 180
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-775-180-200

Query Match          99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLKGRG 35
DB 95 FERHAEGTFTSDVSSYLEGQAAKEFIAWLKGRG 128

RESULT 11
US-10-775-180-201
; Sequence 201, Application US/10775180
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: PF574
; CURRENT APPLICATION NUMBER: US/10/775,180
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: PCT/US02/40892
; PRIOR FILING DATE: 2002-12-23
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-775-180-201

Query Match          99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLKGRG 35
DB 95 FERHAEGTFTSDVSSYLEGQAAKEFIAWLKGRG 128

RESULT 12
US-10-775-180-426
; Sequence 426, Application US/10775180
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: PF574
; CURRENT APPLICATION NUMBER: US/10/775,180
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: PCT/US02/40892
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: 60/341,811
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/360,000
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/378,950
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/398,008
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/411,355
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/414,984
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Patentin Ver. 2.0
; NUMBER OF SEQ ID NOS: 858
; SEQ ID NO 426
; LENGTH: 180
; TYPE: PRT
; ORGANISM: Homo sapiens
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US-10-775-180-426

Query Match 99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTFTSDVSSYLEGQAQKEFIAMLVKGRG 35
DB 95 FERHAGTFTSDVSSYLEGQAQKEFIAMLVKGRG 128

RESULT 13

US-10-775-180-427
Sequence 427, Application US/10775180
GENERAL INFORMATION:
APPLICANT: Rosen, Craig A.
APPLICANT: Haseltine, William A.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PF574
CURRENT APPLICATION NUMBER: US/10/775,180
CURRENT FILING DATE: 2004-02-11
PRIOR APPLICATION NUMBER: PCT/US02/40892
PRIOR FILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: 60/341,811
PRIOR FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/360,000
PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: 60/378,950
PRIOR FILING DATE: 2002-08-10
PRIOR APPLICATION NUMBER: 60/398,008
PRIOR FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: 60/411,355
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 60/414,984
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: 60/417,611
PRIOR FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/420,246
PRIOR FILING DATE: 2002-10-23
PRIOR APPLICATION NUMBER: 60/423,623
PRIOR FILING DATE: 2002-11-05
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 858
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 427
TYPE: PRT
ORGANISM: Homo sapiens
US-10-775-180-427

Query Match 99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTFTSDVSSYLEGQAQKEFIAMLVKGRG 35
DB 95 FERHAGTFTSDVSSYLEGQAQKEFIAMLVKGRG 128

RESULT 14

US-10-775-180-428
Sequence 428, Application US/10775180
GENERAL INFORMATION:
APPLICANT: Rosen, Craig A.
APPLICANT: Haseltine, William A.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PF574
CURRENT APPLICATION NUMBER: US/10/775,180
CURRENT FILING DATE: 2004-02-11
PRIOR APPLICATION NUMBER: PCT/US02/40892
PRIOR FILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: 60/341,811
PRIOR FILING DATE: 2001-12-21

PRIOR APPLICATION NUMBER: 60/360,000
PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: 60/378,950
PRIOR FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/398,008
PRIOR FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: 60/411,355
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 60/414,984
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: 60/417,611
PRIOR FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/420,246
PRIOR FILING DATE: 2002-10-23
PRIOR APPLICATION NUMBER: 60/423,623
PRIOR FILING DATE: 2002-11-05
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 858
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 428
LENGTH: 180
TYPE: PRT
ORGANISM: Homo sapiens
US-10-775-180-428

Query Match 99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTFTSDVSSYLEGQAQKEFIAMLVKGRG 35
DB 95 FERHAGTFTSDVSSYLEGQAQKEFIAMLVKGRG 128

RESULT 15

US-10-775-180-429
Sequence 429, Application US/10775180
GENERAL INFORMATION:
APPLICANT: Rosen, Craig A.
APPLICANT: Haseltine, William A.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PF574
CURRENT APPLICATION NUMBER: US/10/775,180
CURRENT FILING DATE: 2004-02-11
PRIOR APPLICATION NUMBER: PCT/US02/40892
PRIOR FILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: 60/341,811
PRIOR FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/360,000
PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: 60/378,950
PRIOR FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/398,008
PRIOR FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: 60/411,355
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 60/414,984
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: 60/417,611
PRIOR FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/420,246
PRIOR FILING DATE: 2002-10-23
PRIOR APPLICATION NUMBER: 60/423,623
PRIOR FILING DATE: 2002-11-05
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 858
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 429
LENGTH: 180
TYPE: PRT
ORGANISM: Homo sapiens
US-10-775-180-429

Query Match 99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FERHAGTFTSDVSSYLEGQAQAKKEFIAMLVKGRG 35
| | | | | | | | | | | | | | | | | | | | | |
Db 95 FERHAGTFTSDVSSYLEGQAQAKKEFIAMLVKGRG 128

Search completed: July 3, 2004, 00:47:42
Job time : 17.5217 secs

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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:21:27 ; Search time 13.4037 Seconds
(without alignments)
100.142 Million cell updates/sec

Title: US-09-943-084-2

Perfect score: 133

Sequence: 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

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Maximum DB seq length: 2000000000

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Maximum Match 100%
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3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep.*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep.*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep.*
6: /cgn2_6/ptodata/2/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	133	100.0	29	1	US-08-297-731-10
2	133	100.0	29	3	US-09-302-596-5
3	133	100.0	29	4	US-09-333-415-5
4	133	100.0	29	4	US-09-303-016-5
5	133	100.0	29	4	US-09-805-507-5
6	133	100.0	29	5	PCT-US95-10793-10
7	133	100.0	30	1	US-08-297-731-12
8	133	100.0	30	5	PCT-US95-10793-12
9	133	100.0	31	1	US-08-095-162-3
10	133	100.0	31	1	US-08-470-220A-3
11	133	100.0	31	2	US-08-835-231-12
12	133	100.0	31	3	US-08-967-374-3
13	133	100.0	31	3	US-08-961-405A-1
14	133	100.0	31	3	US-08-961-405A-6
15	133	100.0	31	3	US-08-915-918A-1
16	133	100.0	31	3	US-09-302-596-3
17	133	100.0	31	3	US-08-472-349-2
18	133	100.0	31	3	US-08-108-661-12
19	133	100.0	31	4	US-09-623-618B-2
20	133	100.0	31	4	US-09-333-415-3
21	133	100.0	31	4	US-09-585-181A-5
22	133	100.0	31	4	US-09-209-799D-1
23	133	100.0	31	4	US-09-209-799D-5
24	133	100.0	31	4	US-09-209-799D-11
25	133	100.0	31	4	US-09-209-799D-12
26	133	100.0	31	4	US-09-209-799D-16
27	133	100.0	31	4	US-09-209-799D-17

28	133	100.0	31	4	US-09-209-799D-18	Sequence 18, Appl
29	133	100.0	31	4	US-09-209-799D-19	Sequence 19, Appl
30	133	100.0	31	4	US-09-209-799D-20	Sequence 20, Appl
31	133	100.0	31	4	US-09-209-799D-21	Sequence 21, Appl
32	133	100.0	31	4	US-09-209-799D-22	Sequence 22, Appl
33	133	100.0	31	4	US-09-209-799D-23	Sequence 23, Appl
34	133	100.0	31	4	US-09-209-799D-29	Sequence 29, Appl
35	133	100.0	31	4	US-09-505-991-3	Sequence 3, Appl
36	133	100.0	31	4	US-09-303-016-3	Sequence 3, Appl
37	133	100.0	31	4	US-09-657-332A-2	Sequence 2, Appl
38	133	100.0	31	4	US-09-614-847-123	Sequence 123, App
39	133	100.0	31	4	US-09-614-847-124	Sequence 124, App
40	133	100.0	31	4	US-09-997-792A-1	Sequence 1, Appl
41	133	100.0	31	4	US-09-997-792A-5	Sequence 5, Appl
42	133	100.0	31	4	US-09-997-792A-9	Sequence 9, Appl
43	133	100.0	31	4	US-09-997-792A-10	Sequence 10, Appl
44	133	100.0	31	4	US-09-997-792A-14	Sequence 14, Appl
45	133	100.0	31	4	US-09-997-792A-15	Sequence 15, Appl

ALIGNMENTS

RESULT 1
US-08-297-731-10
; Sequence 10, Application US/08297731
; Patent No. 5574008
; GENERAL INFORMATION:
; APPLICANT: Johnson, William T.
; APPLICANT: Yakubu-Madus, Fatima E.
; TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
; TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Eli Lilly and Company/RSM
; STREET: Lilly Corporate Center
; CITY: Indianapolis
; STATE: IN
; COUNTRY: USA
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/297,731
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Maciak, Ronald S.
; REGISTRATION NUMBER: 35,262
; REFERENCE/DOCKET NUMBER: X9630
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 317-276-1664
; TELEFAX: 317-277-1917
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 29 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-297-731-10

Query Match 100.0%; Score 133; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26

Db 4 FTSDVSSYLEGQAQKEFIAMLVKGRG 29

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RESULT 2
US-09-302-596-5
; Sequence 5, Application US/09302596
; Patent No. 6284725
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
; TITLE OF INVENTION: Ischemic and Reperused Tissue
; FILE REFERENCE: P03660US1
; CURRENT APPLICATION NUMBER: US/09/302,596
; PRIOR FILING DATE: 1999-04-30
; PRIOR FILING DATE: 1998-10-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: mammalian
US-09-302-596-5

Query Match      100.0%; Score 133; DB 3; Length 29;
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQKEFIAMLVKGRG 29

RESULT 3
US-09-333-415-5
; Sequence 5, Application US/09333415
; Patent No. 6344180
; GENERAL INFORMATION:
; APPLICANT: Holst, Jens J.
; APPLICANT: Vilisboll, Tina
; TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
; TITLE OF INVENTION: Function and the Presence of the Condition of IGT and
; TITLE OF INVENTION: Type-II Diabetes
; FILE REFERENCE: P03987US0
; CURRENT APPLICATION NUMBER: US/09/333,415
; CURRENT FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-333-415-5

Query Match      100.0%; Score 133; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26
Db 4 FTSDVSSYLEGQAQKEFIAMLVKGRG 29

RESULT 4
US-09-303-016-5
; Sequence 5, Application US/09303016
; Patent No. 6429197
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically
; TITLE OF INVENTION: Active Analogues to Improve the Function of the
; TITLE OF INVENTION: Ischemic and Reperused Brain
; FILE REFERENCE: P03660US2
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; CURRENT APPLICATION NUMBER: US/09/303,016
; CURRENT FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 60/103,498
; PRIOR FILING DATE: 1998-10-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-303-016-5

Query Match      100.0%; Score 133; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQKEFIAMLVKGRG 29

RESULT 5
US-09-805-507-5
; Sequence 5, Application US/09805507
; Patent No. 6579851
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/805,507
; CURRENT FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-805-507-5

Query Match      100.0%; Score 133; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26
Db 4 FTSDVSSYLEGQAQKEFIAMLVKGRG 29

RESULT 6
PCT-US95-10793-10
; Sequence 10, Application PC/TUS9510793
; GENERAL INFORMATION:
; APPLICANT: Johnson, William T.
; APPLICANT: Yakubu-Madus, Fatima B.
; TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
; TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Eli Lilly and Company/RSM
; STREET: Lilly Corporate Center
; CITY: Indianapolis
; STATE: IN
; COUNTRY: USA
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICANT: Johnson, William T.
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELEPHONE: 317-276-1564
TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
PCT-US95-10793-10

Query Match 100.0%; Score 133; DB 5; Length 29;
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 FTSDVSSYLEGQAAKEFIAMLVKGRG 29

RESULT 7
US-08-297-731-12
Sequence 12, Application US/08297731
Patent No. 5574008
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Eli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/297,731
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELEPHONE: 317-276-1664
TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-297-731-12

Query Match 100.0%; Score 133; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 9e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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|||||
DB 5 FTSDVSSYLEGQAAKEFIAMLVKGRG 30

RESULT 8
PCT-US95-10793-12
Sequence 12, Application PC/TUS9510793
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Eli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10793
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELEPHONE: 317-276-1664
TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
PCT-US95-10793-12

Query Match 100.0%; Score 133; DB 5; Length 30;
Best Local Similarity 100.0%; Pred. No. 9e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 FTSDVSSYLEGQAAKEFIAMLVKGRG 26
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DB 5 FTSDVSSYLEGQAAKEFIAMLVKGRG 30

RESULT 9
US-08-095-162-3
Sequence 3, Application US/08095162
Patent No. 5512459
GENERAL INFORMATION:
APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of
TITLE OF INVENTION: Recombinant Polypeptides
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:

ADDRESSEE: Merchant & Gould
STREET: 3100 No. 5512459west Center
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/095,162
FILING DATE: 20-JUL-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Nelson, Albin J.
REGISTRATION NUMBER: 28,659
REFERENCE/DOCKET NUMBER: 8648.32-US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLP1 (7-36)-Gly
US-08-095-162-3
Query Match 100.0%; Score 133; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKGRG 31
RESULT 10
US-08-470-220A-3
Sequence 3, Application US/08470220A
Patent No. 5707826
GENERAL INFORMATION:
APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 No. 5707826west Center
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,220A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/095,162
FILING DATE: 20-JUL-1993

ATTORNEY/AGENT INFORMATION:
NAME: Nelson, Albin J.
REGISTRATION NUMBER: 28,659
REFERENCE/DOCKET NUMBER: 8648.32-US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLP1 (7-36)-Gly
US-08-470-220A-3
Query Match 100.0%; Score 133; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKGRG 31
RESULT 11
US-08-835-231-12
Sequence 12, Application US/08835231
Patent No. 5861284
GENERAL INFORMATION:
APPLICANT: NISHIMURA, Osamu
APPLICANT: KURIYAMA, Masato
APPLICANT: KOYAMA, No. 5861284uyuki
APPLICANT: FUKUDA, Tsunehiko
TITLE OF INVENTION: METHOD FOR PRODUCING A BIOLOGICALLY
ACTIVE RECOMBINANT CYSTEINE-FREE
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/835,231
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/350,709
FILING DATE: 07-DEC-1994
APPLICATION NUMBER: 07/838,857
FILING DATE: 18-FEB-1992
APPLICATION NUMBER: JP 024841
FILING DATE: 19-FEB-1991
APPLICATION NUMBER: JP 0271438
FILING DATE: 18-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: DAVID, RESNICK S
REGISTRATION NUMBER: 34,235
REFERENCE/DOCKET NUMBER: 41614-FWC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-523-3400
TELEFAX: 617-523-6440
TELEX: 200291 STR
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:

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; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
US-08-835-231-12

Query Match 100.0%; Score 133; DB 2; Length 31;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLVKRG 26
Db 6 FTSDVSSYLEGQAAKEFIAMLVKRG 31

RESULT 13
US-08-961-405A-1
; Sequence 1, Application US/08961405A
; Patent No. 6191102
; GENERAL INFORMATION:
; APPLICANT: DiMarchi, Richard D.
; APPLICANT: Efendić, Suad
; TITLE OF INVENTION: USE OF GLP-1 ANALOGS AND DERIVATIVES
; TITLE OF INVENTION: ADMINISTERED PERIPHERALLY IN REGULATION OF OBESITY
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BARNES & THORNBURG
; STREET: 200 W. Madison, Suite 2601
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961.405A
; FILING DATE: 30-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/030.213
; FILING DATE: 05-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin, Alice O.
; REGISTRATION NUMBER: 35,601
; REFERENCE/DOCKET NUMBER: 3051/90264
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-357-1313
; TELEFAX: 312-759-5646
; INFORMATION FOR SEQ ID NO: 1:
; LENGTH: 31 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-961-405A-1

Query Match 100.0%; Score 133; DB 3; Length 31;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLVKRG 26
Db 6 FTSDVSSYLEGQAAKEFIAMLVKRG 31

RESULT 14
US-08-961-405A-6
; Sequence 6, Application US/08961405A
; Patent No. 6191102
; GENERAL INFORMATION:
; APPLICANT: DiMarchi, Richard D.
; APPLICANT: Efendić, Suad
; TITLE OF INVENTION: USE OF GLP-1 ANALOGS AND DERIVATIVES
; TITLE OF INVENTION: ADMINISTERED PERIPHERALLY IN REGULATION OF OBESITY
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BARNES & THORNBURG
; STREET: 200 W. Madison, Suite 2601
; CITY: Chicago
; STATE: Illinois
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/967.374
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/520,485
; FILING DATE: 29-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Carter, Charles G.
; REGISTRATION NUMBER: 35,093
; REFERENCE/DOCKET NUMBER: 8648.32-USD1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-332-5300
; TELEFAX: 612-332-9081
; INFORMATION FOR SEQ ID NO: 3:
; LENGTH: 31 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; IMMEDIATE SOURCE:
; CLONE: GLP1 (7-36)-GLY
US-08-967-374-3

Query Match 100.0%; Score 133; DB 3; Length 31;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLVKRG 26
Db 6 FTSDVSSYLEGQAAKEFIAMLVKRG 31

RESULT 12
US-08-967-374-3
; Sequence 3, Application US/08967374
; Patent No. 6037143
; GENERAL INFORMATION:
; APPLICANT: Wagner, Fred W.
; APPLICANT: Stout, Jay
; APPLICANT: Henriksen, Dennis
; APPLICANT: Partridge, Bruce
; APPLICANT: Manning, Shane
; TITLE OF INVENTION: Enzymatic Method for Modification of
; TITLE OF INVENTION: Recombinant Polypeptides
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 3100 No. 6037143west Center
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/967,374
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/520,485
; FILING DATE: 29-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Carter, Charles G.
; REGISTRATION NUMBER: 35,093
; REFERENCE/DOCKET NUMBER: 8648.32-USD1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-332-5300
; TELEFAX: 612-332-9081
; INFORMATION FOR SEQ ID NO: 3:
; LENGTH: 31 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; IMMEDIATE SOURCE:
; CLONE: GLP1 (7-36)-GLY
US-08-967-374-3
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COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,405A
FILING DATE: 30-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/030,213
FILING DATE: 05-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Martin, Alice O.
REGISTRATION NUMBER: 35,601
REFERENCE/DOCKET NUMBER: 3051/90264
TELEPHONE: 312-357-1313
TELEFAX: 312-759-5646
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-961-405A-6

Query Match 100.0%; Score 133; DB 3; Length 31;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 6 FTSDVSSYLEGQAQKEFIAMLVKGRG 31

RESULT 15

US-08-915-918A-1
Sequence 1, Application US/08915918A
Patent No. 6277819
GENERAL INFORMATION:
APPLICANT: Erendic, Suad
TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF
TITLE OF INVENTION: MYOCARDIAL INFARCTION
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: BRINKS, HOFER, GILSON & LIONE
STREET: NRC Tower - Suite 3600, 455 N. Cityfront
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60611-5599
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,918A
FILING DATE: 21-AUG-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Martin, Alice O.
REGISTRATION NUMBER: 35,601
REFERENCE/DOCKET NUMBER: 8792/28
TELEPHONE: 312-321-4200
TELEFAX: 312-321-4299
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:

LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-915-918A-1

Query Match 100.0%; Score 133; DB 3; Length 31;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKGRG 31

Search completed: July 3, 2004, 00:28:47
Job time : 13.4037 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:26:08 ; Search time 37.6273 Seconds
(without alignments)
215.093 Million cell updates/sec

Title: US-09-943-084-2

Perfect score: 133

Sequence: 1 FTSDVSSVLEGGQAKKEFTAWLVKGRG 26

Scoring table: BLOSUM62

Gapop 10.0 ; Gapext 0.5

Searched: 1276540 seqs, 311283816 residues

Total number of hits satisfying chosen parameters: 1276540

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

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11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/2/pubpaa/US09_NEW PUB.pep.*
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18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	133	100.0	26	10	US-09-943-084-2
2	133	100.0	29	9	US-09-851-738-5
3	133	100.0	29	9	US-09-805-507-5
4	133	100.0	29	9	US-09-859-804-5
5	133	100.0	29	9	US-09-982-978-5
6	133	100.0	29	9	US-09-953-021B-5
7	133	100.0	29	14	US-10-091-258-5
8	133	100.0	29	14	US-10-055-259-5
9	133	100.0	29	15	US-10-322-839-5
10	133	100.0	31	9	US-09-876-388-2
11	133	100.0	31	9	US-09-851-738-3
12	133	100.0	31	9	US-09-805-507-3
13	133	100.0	31	9	US-09-859-804-3
14	133	100.0	31	9	US-09-982-978-3
15	133	100.0	31	9	US-09-953-021B-3

16	133	100.0	31	10	US-09-834-229A-1
17	133	100.0	31	10	US-09-997-792-1
18	133	100.0	31	10	US-09-997-792-5
19	133	100.0	31	10	US-09-997-792-11
20	133	100.0	31	10	US-09-997-792-12
21	133	100.0	31	10	US-09-997-792-16
22	133	100.0	31	10	US-09-997-792-17
23	133	100.0	31	10	US-09-997-792-18
24	133	100.0	31	10	US-09-997-792-19
25	133	100.0	31	10	US-09-997-792-20
26	133	100.0	31	10	US-09-997-792-21
27	133	100.0	31	10	US-09-997-792-22
28	133	100.0	31	10	US-09-997-792-23
29	133	100.0	31	10	US-09-997-792-29
30	133	100.0	31	12	US-10-433-108-1
31	133	100.0	31	12	US-09-858-880-4
32	133	100.0	31	12	US-10-343-854-4
33	133	100.0	31	13	US-10-072-540A-1
34	133	100.0	31	13	US-10-072-540A-5
35	133	100.0	31	14	US-10-093-958-19
36	133	100.0	31	14	US-10-169-657-1
37	133	100.0	31	14	US-10-169-657-5
38	133	100.0	31	14	US-10-169-657-8
39	133	100.0	31	14	US-10-169-657-9
40	133	100.0	31	14	US-10-169-657-13
41	133	100.0	31	14	US-10-169-657-15
42	133	100.0	31	14	US-10-169-657-17
43	133	100.0	31	14	US-10-169-657-19
44	133	100.0	31	14	US-10-169-657-21
45	133	100.0	31	14	US-10-169-657-23

ALIGNMENTS

RESULT 1

US-09-943-084-2
; Sequence 2, Application US/09943084
; Publication No. US20030050237A1
; GENERAL INFORMATION:

APPLICANT: Kim, Yesook

Qi, Hong

Gelfand, Robert A.

Geoghegan, Kieran P.

Parley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pfizer Inc

STREET: 235 East 42nd Street, 20th Floor

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10017-5755

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/943,084

FILING DATE: 31-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/181,655

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Shevka, Robert E.

REGISTRATION NUMBER: 31,304

REFERENCE/DOCKET NUMBER: PC8391

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)573-1189

TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-943-084-2

Query Match 100.0%; Score 133; DB 10; Length 26;
Best Local Similarity 100.0%; Pred. No. 2.5e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26

RESULT 2
US-09-851-738-5
; Sequence 5, Application US/09851738
; Patent No. US20020055460A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
; TITLE OF INVENTION: Ischemic and Reperfused Tissue
; FILE REFERENCE: P03660US1
; CURRENT APPLICATION NUMBER: US/09/851,738
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: mammalian
US-09-851-738-5

Query Match 100.0%; Score 133; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 FTSDVSSYLEGQAQKEFIAMLVKGRG 29

RESULT 3
US-09-805-507-5
; Sequence 5, Application US/09805507
; Patent No. US20020098195A1
; GENERAL INFORMATION:

; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/805,507
; CURRENT FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-805-507-5

Query Match 100.0%; Score 133; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 FTSDVSSYLEGQAQKEFIAMLVKGRG 29

RESULT 4
US-09-859-804-5
; Sequence 5, Application US/09859804
; Patent No. US20020107206A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/859,804
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-859-804-5

Query Match 100.0%; Score 133; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 FTSDVSSYLEGQAQKEFIAMLVKGRG 29

RESULT 5
US-09-982-978-5
; Sequence 5, Application US/09982978
; Patent No. US20020146405A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/982,978
; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 09/859,804

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; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-982-978-5

Query Match      100.0%; Score 133; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQAKEFIAMLVKGRG 29

RESULT 6
US-09-953-021B-5
; Sequence 5, Application US/09953021B
; Patent No. US20020147131A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas L.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Isch
; TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
; FILE REFERENCE: P03660US6
; CURRENT APPLICATION NUMBER: US/09/953,021B
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-953-021B-5

Query Match      100.0%; Score 133; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQAKEFIAMLVKGRG 29

RESULT 7
US-10-091-258-5
; Sequence 5, Application US/10091258
; Publication No. US20030073626A1
; GENERAL INFORMATION:
; APPLICANT: Hathaway, David R
; APPLICANT: Coolidge, Thomas R
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
; FILE REFERENCE: RGN-2
; CURRENT APPLICATION NUMBER: US/10/091,258
; CURRENT FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: mammalian
US-10-091-258-5
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Query Match      100.0%; Score 133; DB 14; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQAKEFIAMLVKGRG 29

RESULT 8
US-10-055-259-5
; Sequence 5, Application US/10055259
; Publication No. US20030091507A1
; GENERAL INFORMATION:
; APPLICANT: Holst, Jens J.
; APPLICANT: Vilsbøll, Tina
; TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND
; TITLE OF INVENTION: PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
; FILE REFERENCE: P03987US1
; CURRENT APPLICATION NUMBER: US/10/055,259
; CURRENT FILING DATE: 2002-06-21
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-055-259-5

Query Match      100.0%; Score 133; DB 14; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQAKEFIAMLVKGRG 29

RESULT 9
US-10-322-839-5
; Sequence 5, Application US/10322839
; Publication No. US20040002454A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario
; APPLICANT: Ehlers, Mario
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: P05671US2
; CURRENT APPLICATION NUMBER: US/10/322,839
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-10-322-839-5

Query Match      100.0%; Score 133; DB 15; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAKEFIAMLVKGRG 26
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Db 4 FTSDVSSYLEGQAQAKEFIAMLVKGRG 29
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RESULT 10

US-09-876-388-2
; Sequence 2, Application US/09876388
; Patent No. US20020049153A1
; GENERAL INFORMATION:
; APPLICANT: Bridon, Dominique P.
; APPLICANT: L'Archeveque, Benoit
; APPLICANT: Ezrin, Alan M. L.
; APPLICANT: Holmes, Darren L.
; APPLICANT: Leblanc, Anouk
; APPLICANT: St. Pierre, Serge
; TITLE OF INVENTION: LONG LASTING INSULINOTROPIC PEPTIDES
; FILE REFERENCE: 500862001610
; CURRENT APPLICATION NUMBER: US/09/876,388
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: 09/623,618
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: PCT/US00/13563
; PRIOR FILING DATE: 2000-05-17
; PRIOR APPLICATION NUMBER: 60/159,783
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 60/134,406
; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-09-876-388-2

Query Match 100.0%; Score 133; DB 9; Length 31;
Best Local Similarity 100.0%; Pred. No. 3.1e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIANLVKGRG 26
DB 6 FTSDVSSYLEGQAQAEFIANLVKGRG 31

RESULT 11

US-09-851-738-3
; Sequence 3, Application US/09851738
; Patent No. US20020055460A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R. W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
; FILE REFERENCE: P03660US1
; CURRENT APPLICATION NUMBER: US/09/851,738
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 31
; TYPE: PRT
; ORGANISM: mammalian
US-09-851-738-3

Query Match 100.0%; Score 133; DB 9; Length 31;
Best Local Similarity 100.0%; Pred. No. 3.1e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIANLVKGRG 26
DB 6 FTSDVSSYLEGQAQAEFIANLVKGRG 31

RESULT 12

US-09-805-507-3
; Sequence 3, Application US/09805507
; Patent No. US20020098195A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/805,507
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP
; OTHER INFORMATION: Peptide
US-09-805-507-3

Query Match 100.0%; Score 133; DB 9; Length 31;
Best Local Similarity 100.0%; Pred. No. 3.1e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIANLVKGRG 26
DB 6 FTSDVSSYLEGQAQAEFIANLVKGRG 31

RESULT 13

US-09-859-804-3
; Sequence 3, Application US/09859804
; Patent No. US20020107206A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/859,804
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
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; ORGANISM: Unknown Organism
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; OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP
; OTHER INFORMATION: Peptide
US-09-859-804-3

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QY 1 FTSDVSSYLEGQAQAEFIANLVKGRG 26
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US-09-982-978-3
; Sequence 3, Application US/09982978
; Patent No. US20020146405A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.

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; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/982,978
; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP
; OTHER INFORMATION: peptide
US-09-982-978-3

Query Match      100.0%; Score 133; DB 9; Length 31;
Best Local Similarity 100.0%; Pred. No. 3.1e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 6 FTSDVSSYLEGQAQAEFIAMLVKGRG 31

RESULT 15
US-09-953-021B-3
; Sequence 3, Application US/09953021B
; Patent No. US20020147131A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas L.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Isch
; FILE REFERENCE: P03660US6
; CURRENT APPLICATION NUMBER: US/09/953,021B
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-953-021B-3

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Best Local Similarity 100.0%; Pred. No. 3.1e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVKGRG 26
DB 6 FTSDVSSYLEGQAQAEFIAMLVKGRG 31

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GenCore version 5.1.1.6
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:22:02 ; Search time 166.658 seconds

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152.272 Million cell updates/sec

Title: US-09-943-084-2

Perfect score: 133

Sequence: 1 FTSVSSYLEGQAKEFTAWLVKGRG 26

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Searched: 6019581 seqs, 976053577 residues

Total number of hits satisfying chosen parameters: 6019581

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

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Listing first 45 summaries

Database : Pending Patents_AA_Main:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	133	100.0	29	1	PCT-US02-13088-5	Sequence 5, Appli
3	133	100.0	29	20	US-09-646-433-5	Sequence 5, Appli
4	133	100.0	29	21	US-09-719-410-5	Sequence 5, Appli
5	133	100.0	29	23	US-09-851-738-5	Sequence 5, Appli
6	133	100.0	29	23	US-09-859-804-5	Sequence 5, Appli
7	133	100.0	29	25	US-09-953-021-5	Sequence 5, Appli
8	133	100.0	29	25	US-09-953-021B-5	Sequence 5, Appli
9	133	100.0	29	25	US-09-982-978-5	Sequence 5, Appli
10	133	100.0	29	26	US-10-055-259-5	Sequence 5, Appli
11	133	100.0	29	26	US-10-091-258-5	Sequence 5, Appli
12	133	100.0	29	29	US-10-322-839-5	Sequence 5, Appli
13	133	100.0	30	16	US-09-206-833-78	Sequence 78, Appli
14	133	100.0	31	1	PCT-US01-43165-1	Sequence 1, Appli
15	133	100.0	31	1	PCT-US02-07011-19	Sequence 19, Appli
16	133	100.0	31	1	PCT-US02-13088-3	Sequence 3, Appli
17	133	100.0	31	1	PCT-US02-21325-3	Sequence 3, Appli
18	133	100.0	31	1	PCT-US02-25227-21	Sequence 21, Appli
19	133	100.0	31	1	PCT-US02-25227-22	Sequence 22, Appli
20	133	100.0	31	1	PCT-US02-25227-26	Sequence 26, Appli
21	133	100.0	31	1	PCT-US02-25227-27	Sequence 27, Appli
22	133	100.0	31	1	PCT-US02-25227-30	Sequence 30, Appli
23	133	100.0	31	1	PCT-US02-31693A-3	Sequence 3, Appli
24	133	100.0	31	1	PCT-US03-00001-5	Sequence 5, Appli
25	133	100.0	31	1	PCT-US03-00001-59	Sequence 59, Appli
26	133	100.0	31	1	PCT-US03-15395B-16	Sequence 16, Appli
27	133	100.0	31	1	PCT-US03-16470A-3	Sequence 3, Appli
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29	133	100.0	31	1	PCT-US03-16645-5	Sequence 5, Appli
30	133	100.0	31	1	PCT-US03-26818-64	Sequence 64, Appli
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33	133	100.0	31	1	PCT-US97-01978-5	Sequence 5, Appli
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39	133	100.0	31	7	US-08-350-709B-12	Sequence 12, Appli
40	133	100.0	31	7	US-08-356-231-2	Sequence 2, Appli
41	133	100.0	31	9	US-08-520-485-3	Sequence 3, Appli
42	133	100.0	31	12	US-08-842-121A-1	Sequence 1, Appli
43	133	100.0	31	12	US-08-860-103A-2	Sequence 2, Appli
44	133	100.0	31	13	US-08-908-867-37	Sequence 37, Appli
45	133	100.0	31	13	US-08-908-867-37	Sequence 37, Appli

ALIGNMENTS

RESULT 1

US-09-943-084-2

; Sequence 2, Application US/09943084

; GENERAL INFORMATION:

; APPLICANT: Kim, Vesook

; Lambert, William J.

; Qi, Hong

; Gelfand, Robert A.

; Geoghegan, Kieran F.

; Danley, Dennis E.

; TITLE OF INVENTION: Prolonged Delivery of Peptides

; NUMBER OF SEQUENCES: 7

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pfizer Inc

; STREET: 235 East 42nd Street, 20th Floor

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10017-5755

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Shey'ka, Robert P.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
ERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-943-084-2

Query Match 100.0%; Score 133; DB 24; Length 26;
Best Local Similarity 100.0%; Pred. No. 8.4e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26

RESULT 2
PCT-US02-13088-5
Sequence 5, Application PC/TUS0213088
GENERAL INFORMATION:
APPLICANT: Restoragen, Inc.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
TITLE OF INVENTION: RESISTANCE
FILE REFERENCE: RGN-3
CURRENT APPLICATION NUMBER: PCT/US02/13088
CURRENT FILING DATE: 2002-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 29
TYPE: PRT
ORGANISM: mammalian
PCT-US02-13088-5

Query Match 100.0%; Score 133; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 9.5e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3

US-09-646-433-5
Sequence 5, Application US/09646433
GENERAL INFORMATION:
APPLICANT: Goke, Burkhard
TITLE OF INVENTION: HUMAN APPETITE CONTROL BY GLUCAGON-LIKE PEPTIDE RECEPTOR BINDIN
FILE REFERENCE: P03893US1
CURRENT APPLICATION NUMBER: US/09/646,433
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US 60/189,091
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: PCT/US99/05571
PRIOR FILING DATE: 1999-03-16
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 29
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-09-646-433-5

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Best Local Similarity 100.0%; Pred. No. 9.5e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 FTSDVSSYLEGQAQKEFIAMLVKGRG 29

RESULT 4

US-09-719-410-5
Sequence 5, Application US/09719410
GENERAL INFORMATION:
APPLICANT: Goke, Burkhard
TITLE OF INVENTION: Glucagon-Like Peptide-1 Improves the Ability of the
TITLE OF INVENTION: B-Cell to Sense and Respond to Glucose in Subjects with
TITLE OF INVENTION: Impaired Glucose Tolerance
FILE REFERENCE: P03986US2
CURRENT APPLICATION NUMBER: US/09/719,410
CURRENT FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: PCT/US99/10040
PRIOR FILING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 29
TYPE: PRT
ORGANISM: mammalian
US-09-719-410-5

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Best Local Similarity 100.0%; Pred. No. 9.5e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 FTSDVSSYLEGQAQKEFIAMLVKGRG 29

RESULT 5

US-09-851-738-5
Sequence 5, Application US/09851738
GENERAL INFORMATION:

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; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
; TITLE OF INVENTION: Ischemic and Reperfused Tissue
; FILE REFERENCE: P03660U51
; CURRENT APPLICATION NUMBER: US/09/851,738
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: mammalian
US-09-851-738-5

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Best Local Similarity 100.0%; Pred. No. 9.5e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQAKEPIAWLVKRG 29

RESULT 6
US-09-859-804-5
; Sequence 5, Application US/09859804
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/859,804
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-859-804-5

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Best Local Similarity 100.0%; Pred. No. 9.5e-13;
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Db 4 FTSDVSSYLEGQAQAKEPIAWLVKRG 29

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; Sequence 5, Application US/09953021
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the
; TITLE OF INVENTION: Function of
; TITLE OF INVENTION: Ischemic and Reperfused Tissue
; FILE REFERENCE: P03660U51
; CURRENT APPLICATION NUMBER: US/09/953,021
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
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; SOFTWARE: PatentIn Ver. 2.0
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; LENGTH: 29
; TYPE: PRT
; ORGANISM: mammalian
US-09-953-021-5

Query Match          100.0%; Score 133; DB 25; Length 29;
Best Local Similarity 100.0%; Pred. No. 9.5e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQAKEPIAWLVKRG 29

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; Sequence 5, Application US/09953021B
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas L.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Is
; TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
; FILE REFERENCE: P03660U56
; CURRENT APPLICATION NUMBER: US/09/953,021B
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-09-953-021B-5

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Best Local Similarity 100.0%; Pred. No. 9.5e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQAKEPIAWLVKRG 29

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; Sequence 5, Application US/09982978
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/982,978
; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
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; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-982-978-5

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Best Local Similarity 100.0%; Pred. No. 9.5e-13;
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Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 10

US-10-055-259-5

; Sequence 5, Application US/10055259

; GENERAL INFORMATION:

; APPLICANT: Holst, Jens J.

; APPLICANT: Vilsboll, Tina

; TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND TH

; FILE REFERENCE: P03987US1

; CURRENT APPLICATION NUMBER: US/10/055,259

; CURRENT FILING DATE: 2002-06-21

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 29

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-055-259-5

Query Match 100.0%; Score 133; DB 26; Length 29;

Best Local Similarity 100.0%; Pred. No. 9.5e-13;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLVKGRG 26
Db 4 FTSDVSSYLEGQAAKEFIAMLVKGRG 29

RESULT 11

US-10-091-258-5

; Sequence 5, Application US/10091258

; GENERAL INFORMATION:

; APPLICANT: Hathaway, David R

; APPLICANT: Coolidge, Thomas R

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE

; FILE REFERENCE: RGN-2

; CURRENT APPLICATION NUMBER: US/10/091,258

; CURRENT FILING DATE: 2002-03-05

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 29

; TYPE: PRT

; ORGANISM: mammalian

US-10-091-258-5

Query Match 100.0%; Score 133; DB 26; Length 29;

Best Local Similarity 100.0%; Pred. No. 9.5e-13;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLVKGRG 26
Db 4 FTSDVSSYLEGQAAKEFIAMLVKGRG 29

RESULT 12

US-10-322-839-5

; Sequence 5, Application US/10322839

; GENERAL INFORMATION:

; APPLICANT: Coolidge, Thomas R.

; APPLICANT: Ehlers, Mario

; APPLICANT: Ehlers, Mario

; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1

; FILE REFERENCE: P05671US2

; CURRENT APPLICATION NUMBER: US/10/322,839

; CURRENT FILING DATE: 2002-12-18

; PRIOR APPLICATION NUMBER: US 09/859,804

; PRIOR FILING DATE: 2001-05-18

; PRIOR APPLICATION NUMBER: US 60/205,239

; PRIOR FILING DATE: 2000-05-19

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 29

; TYPE: PRT

; ORGANISM: Unknown

; FEATURE:

; OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1

US-10-322-839-5

Query Match 100.0%; Score 133; DB 29; Length 29;

Best Local Similarity 100.0%; Pred. No. 9.5e-13;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLVKGRG 26
Db 4 FTSDVSSYLEGQAAKEFIAMLVKGRG 29

RESULT 13

US-09-206-833-78

; Sequence 78, Application US/09206833A

; GENERAL INFORMATION:

; APPLICANT: DONG, ZHENG XIN

; APPLICANT: COY, DAVID H.

; TITLE OF INVENTION: GLP-1 ANALOGUES

; FILE REFERENCE: 00537/187001

; CURRENT APPLICATION NUMBER: US/09/206,833A

; CURRENT FILING DATE: 1998-12-07

; NUMBER OF SEQ ID NOS: 165

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 78

; LENGTH: 30

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Mutagen

; FEATURE:

; NAME/KEY: MOD_RES

; LOCATION: {1}

; OTHER INFORMATION: N-methyl-alanine

US-09-206-833-78

Query Match 100.0%; Score 133; DB 16; Length 30;

Best Local Similarity 100.0%; Pred. No. 9.9e-13;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLVKGRG 26
Db 5 FTSDVSSYLEGQAAKEFIAMLVKGRG 30

RESULT 14

PCT-US01-43165-1

; Sequence 1, Application PC/TUS0143165

; GENERAL INFORMATION:

; APPLICANT: Eli Lilly and Company

; TITLE OF INVENTION: GLP-1 FUSION PROTEINS

; FILE REFERENCE: X-13991

; CURRENT APPLICATION NUMBER: PCT/US01/43165

; CURRENT FILING DATE: 2002-10-10

; PRIOR APPLICATION NUMBER: US 60/251,954

; PRIOR FILING DATE: 2000-06-12

; NUMBER OF SEQ ID NOS: 35

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 1

; LENGTH: 31

; TYPE: PRT

; ORGANISM: Homo sapiens

PCT-US01-43165-1

Query Match 100.0%; Score 133; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEPIAWLVKRG 26
DB 6 FTSDVSSYLEGQAQKEPIAWLVKRG 31

RESULT 15

PCT-US02-07011-19
; Sequence 19, Application PC/TUS0207011
; GENERAL INFORMATION:
; APPLICANT: Lexigen Pharmaceuticals Corp.
; APPLICANT: Gillies, Stephen
; APPLICANT: Way, Jeffrey
; TITLE OF INVENTION: Expression Technology for Proteins Containing a Hybrid Isotype An
; TITLE OF INVENTION: Moisty
; FILE REFERENCE: LEX-018FC
; CURRENT APPLICATION NUMBER: PCT/US02/07011
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: US 60/274,096
; PRIOR FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 31
; TYPE: PRT
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: glucagon-like peptide 1
PCT-US02-07011-19

Query Match 100.0%; Score 133; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEPIAWLVKRG 26
DB 6 FTSDVSSYLEGQAQKEPIAWLVKRG 31

Search completed: July 3, 2004, 00:46:13
Job time : 166.658 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:25:27 ; Search time 12.2733 Seconds
(without alignments)
105.442 Million cell updates/sec

Title: US-09-943-084-2
Perfect score: 133
Sequence: 1 FTSDVSSYLEGQAAKEFIWLKGRG 26

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 327902 seqs, 49773865 residues

Total number of hits satisfying chosen parameters: 327902

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending Patents AA New:
1: /cgn2.6/prodata/2/paa/PCT_NEW_COMB.pep.*
2: /cgn2.6/prodata/2/paa/US06_NEW_COMB.pep.*
3: /cgn2.6/prodata/2/paa/US07_NEW_COMB.pep.*
4: /cgn2.6/prodata/2/paa/US08_NEW_COMB.pep.*
5: /cgn2.6/prodata/2/paa/US09_NEW_COMB.pep.*
6: /cgn2.6/prodata/2/paa/US10_NEW_COMB.pep.*
7: /cgn2.6/prodata/2/paa/US60_NEW_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	133	100.0	31	1	PCT-US04-04421-776
2	133	100.0	31	1	PCT-US04-06082-1
3	133	100.0	31	5	US-09-716-166-13
4	133	100.0	31	6	US-10-485-619-3
5	133	100.0	31	6	US-10-291-226A-123
6	133	100.0	31	6	US-10-291-226A-124
7	133	100.0	31	6	US-10-722-733-2
8	133	100.0	31	6	US-10-716-326-21
9	133	100.0	31	6	US-10-716-326-22
10	133	100.0	31	6	US-10-716-326-26
11	133	100.0	31	6	US-10-716-326-27
12	133	100.0	31	6	US-10-811-646-1
13	133	100.0	31	6	US-10-715-976-21
14	133	100.0	31	6	US-10-715-976-22
15	133	100.0	31	6	US-10-715-976-26
16	133	100.0	31	6	US-10-715-976-27
17	133	100.0	31	6	US-60-549-567-64
18	133	100.0	31	7	PCT-US04-04421-777
19	133	100.0	32	1	PCT-US04-06462-88
20	133	100.0	32	6	US-10-291-226A-147
21	133	100.0	32	6	US-10-716-326-33
22	133	100.0	32	6	US-10-715-976-33
23	133	100.0	32	6	US-10-715-976-32
24	133	100.0	35	6	US-10-716-326-32
25	133	100.0	35	6	US-10-715-976-32
26	133	100.0	36	6	US-10-716-326-31

27	133	100.0	36	6	US-10-715-976-31	Sequence 31, Appl
28	133	100.0	37	6	US-10-291-226A-122	Sequence 122, Appl
29	133	100.0	37	6	US-10-723-099A-1	Sequence 1, Appl
30	133	100.0	37	6	US-10-722-733-1	Sequence 1, Appl
31	133	100.0	48	6	US-10-716-326-2	Sequence 2, Appl
32	133	100.0	48	6	US-10-715-976-2	Sequence 2, Appl
33	133	100.0	51	6	US-10-716-326-14	Sequence 14, Appl
34	133	100.0	51	6	US-10-715-976-14	Sequence 14, Appl
35	133	100.0	55	6	US-10-716-326-16	Sequence 16, Appl
36	133	100.0	55	6	US-10-715-976-16	Sequence 16, Appl
37	133	100.0	77	6	US-10-716-326-6	Sequence 6, Appl
38	133	100.0	77	6	US-10-716-326-18	Sequence 18, Appl
39	133	100.0	77	6	US-10-715-976-6	Sequence 6, Appl
40	133	100.0	77	6	US-10-715-976-18	Sequence 18, Appl
41	133	100.0	78	6	US-10-716-326-4	Sequence 4, Appl
42	133	100.0	78	6	US-10-715-976-4	Sequence 4, Appl
43	133	100.0	79	6	US-10-716-326-12	Sequence 12, Appl
44	133	100.0	79	6	US-10-715-976-12	Sequence 12, Appl
45	133	100.0	80	6	US-10-716-326-20	Sequence 20, Appl

ALIGNMENTS

RESULT 1
PCT-US04-04421-776
; Sequence 776, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 776
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Illustrative hGLP-1(7-37)
; FEATURE:
; OTHER INFORMATION: c-term may or may not be amidated
PCT-US04-04421-776

Query Match 100.0%; Score 133; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIWLKGRG 26
Db 6 FTSDVSSYLEGQAAKEFIWLKGRG 31

RESULT 2
PCT-US04-06082-1
; Sequence 1, Application PC/TUS0406082
; GENERAL INFORMATION:
; APPLICANT: Eli Lilly and Company
; TITLE OF INVENTION: Polyethylene Glycol Linked GLP-1 Compounds
; FILE REFERENCE: X-16020
; CURRENT APPLICATION NUMBER: PCT/US04/06082
; CURRENT FILING DATE: 2004-03-23
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens

PCT-US04-06082-1

Query Match 100.0%; Score 133; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKRG 31

RESULT 3

US-09-716-166-13
; Sequence 13, Application US/09716166
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Concino, Michael P.
; APPLICANT: Duguay, Stephen J.
; TITLE OF INVENTION: NUCLEIC ACID CONSTRUCT FOR OPTIMIZED
; FILE REFERENCE: 10278-014001
; CURRENT APPLICATION NUMBER: US/09/716,166
; CURRENT FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/166,508
; PRIOR FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-716-166-13

Query Match 100.0%; Score 133; DB 5; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKRG 31

RESULT 4

US-10-485-619-3
; Sequence 3, Application US/10485619
; GENERAL INFORMATION:
; APPLICANT: Eli Lilly & Company
; TITLE OF INVENTION: Glucagon-Like Peptide-1 Analogs
; FILE REFERENCE: X-15045
; CURRENT APPLICATION NUMBER: US/10/485,619
; CURRENT FILING DATE: 2004-01-29
; PRIOR APPLICATION NUMBER: 60/314,573
; PRIOR FILING DATE: 2001-08-23
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-619-3

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKRG 31

RESULT 5

US-10-291-226A-123
; Sequence 123, Application US/10291226A

; GENERAL INFORMATION:

; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291,226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 123
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Gly8-GLP-1(7-37)
US-10-291-226A-123

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKRG 31

RESULT 6

US-10-291-226A-124
; Sequence 124, Application US/10291226A
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291,226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 124
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: GLP-1(7-37)
US-10-291-226A-124

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKRG 31

RESULT 7

US-10-723-099A-2
; Sequence 2, Application US/10723099A
; GENERAL INFORMATION:
; APPLICANT: Bridon, Dominique P.
; APPLICANT: L'Archeveque, Benoit
; APPLICANT: Ezrin, Alan M.
; APPLICANT: Holmes, Darren L.
; APPLICANT: Leblanc, Anouk
; APPLICANT: St. Pierre, Serge
; TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
; FILE REFERENCE: 500862001602

; CURRENT APPLICATION NUMBER: US/10/723,099A
; CURRENT FILING DATE: 2003-11-25
; PRIOR APPLICATION NUMBER: 09/657,332
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: 60/159,783
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 60/134,406
; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-10-723-099A-2

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIWLKGRG 26
Db 6 FTSDVSSYLEGQAQKEFIWLKGRG 31

RESULT 8
US-10-722-733-2
; Sequence 2, Application US/10722733
; GENERAL INFORMATION:
; APPLICANT: Bridon, Dominique P.
; APPLICANT: L'Archeveque, Benoit
; APPLICANT: Ezrin, Alan M.
; APPLICANT: Holmes, Darren L.
; APPLICANT: Leblanc, Anouk
; APPLICANT: St. Pierre, Serge
; TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
; FILE REFERENCE: 500862001611
; CURRENT APPLICATION NUMBER: US/10/722,733
; CURRENT FILING DATE: 2003-11-25
; PRIOR APPLICATION NUMBER: US/10/288,340
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: 09/657,332
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: 60/159,783
; PRIOR FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-10-722-733-2

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIWLKGRG 26
Db 6 FTSDVSSYLEGQAQKEFIWLKGRG 31

RESULT 9
US-10-716-326-21
; Sequence 21, Application US/10716326
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation

; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5062CIP
; CURRENT APPLICATION NUMBER: US/10/716,326
; CURRENT FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 10/215,272
; PRIOR FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 21
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 (7-37)
US-10-716-326-21

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIWLKGRG 26
Db 6 FTSDVSSYLEGQAQKEFIWLKGRG 31

RESULT 10
US-10-716-326-22
; Sequence 22, Application US/10716326
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5062CIP
; CURRENT APPLICATION NUMBER: US/10/716,326
; CURRENT FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 10/215,272
; PRIOR FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 22
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; Gly8-GLP-1 (7-37)
US-10-716-326-22

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIWLKGRG 26
Db 6 FTSDVSSYLEGQAQKEFIWLKGRG 31

RESULT 11
US-10-716-326-26
; Sequence 26, Application US/10716326
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel

```
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5062CIP
; CURRENT APPLICATION NUMBER: US/10/716,326
; CURRENT FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 10/215,272
; PRIOR FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; Val18-GLP-1 (7-37)
US-10-716-326-26

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKGRG 31

RESULT 12
US-10-716-326-27
; Sequence 27, Application US/10716326
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5062CIP
; CURRENT APPLICATION NUMBER: US/10/716,326
; CURRENT FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 10/215,272
; PRIOR FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; Gln9-GLP-1 (7-37)
US-10-716-326-27

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKGRG 31

RESULT 13
US-10-811-646-1
; Sequence 1, Application US/10811646
; GENERAL INFORMATION:
; APPLICANT: Efendic, Suad
; TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF MYOCARDIAL INFARCTION
; FILE REFERENCE: X-10822A
```

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; CURRENT APPLICATION NUMBER: US/10/811,646
; CURRENT FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: US 60/024,980
; PRIOR FILING DATE: 1996-08-30
; PRIOR APPLICATION NUMBER: US 08/915,918
; PRIOR FILING DATE: 1997-08-21
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-811-646-1

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKGRG 31

RESULT 14
US-10-715-976-21
; Sequence 21, Application US/10715976
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5121
; CURRENT APPLICATION NUMBER: US/10/715,976
; CURRENT FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 (7-37)
US-10-715-976-21

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKGRG 26
Db 6 FTSDVSSYLEGQAQKEFIAMLVKGRG 31

RESULT 15
US-10-715-976-22
; Sequence 22, Application US/10715976
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5121
; CURRENT APPLICATION NUMBER: US/10/715,976
; CURRENT FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22
; LENGTH: 31
; TYPE: PRT
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; Gly8-GLP-1 (7-37)
US-10-715-976-22

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAKEFIWLKRG 26
|||
Db 6 FTSDVSSYLEGQAKEFIWLKRG 31
|||

Search completed: July 3, 2004, 00:47:42
Job time : 12.2733 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:21:27 ; Search time 13.4037 Seconds
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Title: US-09-943-084-3

Perfect score: 128
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Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	127	99.2	28	1	US-08-297-731-9
2	127	99.2	28	3	US-09-302-596-6
3	127	99.2	28	4	US-09-333-415-6
4	127	99.2	28	4	US-09-303-016-6
5	127	99.2	28	4	US-09-614-847-125
6	127	99.2	28	4	US-09-805-507-6
7	127	99.2	28	5	PCT-US95-10793-9
8	127	99.2	29	1	US-08-297-731-10
9	127	99.2	29	1	US-08-297-731-11
10	127	99.2	29	3	US-09-302-596-5
11	127	99.2	29	4	US-09-333-415-5
12	127	99.2	29	4	US-09-303-016-5
13	127	99.2	29	4	US-09-805-507-5
14	127	99.2	29	5	PCT-US95-10793-10
15	127	99.2	29	5	PCT-US95-10793-11
16	127	99.2	30	1	US-08-066-480-6
17	127	99.2	30	1	US-08-095-162-1
18	127	99.2	30	1	US-08-297-731-12
19	127	99.2	30	1	US-08-470-220A-1
20	127	99.2	30	2	US-08-927-227-1
21	127	99.2	30	3	US-08-967-374-1
22	127	99.2	30	3	US-09-348-136-1
23	127	99.2	30	3	US-08-961-405A-5
24	127	99.2	30	3	US-08-915-918A-5
25	127	99.2	30	3	US-09-302-596-4
26	127	99.2	30	3	US-08-472-349-3
27	127	99.2	30	4	US-09-333-415-4

28 127 99.2 30 4 US-09-585-181A-4 Sequence 4, Appli
29 127 99.2 30 4 US-09-209-799D-10 Sequence 10, Appli
30 127 99.2 30 4 US-09-209-799D-15 Sequence 15, Appli
31 127 99.2 30 4 US-09-209-799D-27 Sequence 27, Appli
32 127 99.2 30 4 US-09-975-905-1 Sequence 1, Appli
33 127 99.2 30 4 US-09-505-991-1 Sequence 1, Appli
34 127 99.2 30 4 US-09-573-809-1 Sequence 1, Appli
35 127 99.2 30 4 US-09-303-016-4 Sequence 4, Appli
36 127 99.2 30 4 US-09-212-663-4 Sequence 4, Appli
37 127 99.2 30 4 US-08-614-847-87 Sequence 87, Appli
38 127 99.2 30 4 US-09-614-847-112 Sequence 112, App
39 127 99.2 30 4 US-09-614-847-113 Sequence 113, App
40 127 99.2 30 4 US-09-614-847-114 Sequence 114, App
41 127 99.2 30 4 US-09-997-792A-8 Sequence 8, Appli
42 127 99.2 30 4 US-09-997-792A-13 Sequence 13, Appli
43 127 99.2 30 4 US-09-997-792A-24 Sequence 24, Appli
44 127 99.2 30 4 US-08-805-507-4 Sequence 4, Appli
45 127 99.2 30 4 US-09-585-186A-5 Sequence 5, Appli

ALIGNMENTS

RESULT 1
US-08-297-731-9
; Sequence 9, Application US/08297731
; Patent No. 5574008
; GENERAL INFORMATION:
; APPLICANT: Johnson, William T.
; APPLICANT: Yakubu-Madus, Fatima B.
; TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
; TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Eli Lilly and Company/RSM
; STREET: Lilly Corporate Center
; CITY: Indianapolis
; STATE: IN
; COUNTRY: USA
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/297,731
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Maciak, Ronald S.
; REGISTRATION NUMBER: 35,262
; REFERENCE/DOCKET NUMBER: X9630
; TELEPHONE: 317-276-1664
; TELEFAX: 317-277-1917
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 27..28
; OTHER INFORMATION: /note= "C-terminal amide"
US-08-297-731-9

Query Match 99.2%; Score 127; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQAKEFIAMLVKGR 28

RESULT 2
US-09-302-596-6
; Sequence 6, Application US/09302596
; Patent No. 6284725
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
; TITLE OF INVENTION: Ischemic and Reperfused Tissue
; FILE REFERENCE: P03660US1
; CURRENT APPLICATION NUMBER: US/09/302,596
; CURRENT FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 60/103,498
; PRIOR FILING DATE: 1998-10-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: mammalian
US-09-302-596-6

Query Match 99.2%; Score 127; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQAKEFIAMLVKGR 28

RESULT 3
US-09-333-415-6
; Sequence 6, Application US/09333415
; Patent No. 634180
; GENERAL INFORMATION:
; APPLICANT: Holst, Jens J.
; APPLICANT: Vilsbøll, Tina
; TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
; TITLE OF INVENTION: Function and the Presence of the Condition of IGT and
; TITLE OF INVENTION: Type-II Diabetes
; FILE REFERENCE: P03987US0
; CURRENT APPLICATION NUMBER: US/09/333,415
; CURRENT FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-333-415-6

Query Match 99.2%; Score 127; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQAKEFIAMLVKGR 28

RESULT 4
US-09-303-016-6
; Sequence 6, Application US/09303016
; Patent No. 6429197
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.

; TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically
; TITLE OF INVENTION: Active Analogues to Improve the Function of the
; TITLE OF INVENTION: Ischemic and Reperfused Brain
; FILE REFERENCE: P03660US2
; CURRENT APPLICATION NUMBER: US/09/303,016
; CURRENT FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 60/103,498
; PRIOR FILING DATE: 1998-10-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-303-016-6

Query Match 99.2%; Score 127; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQAKEFIAMLVKGR 28

RESULT 5
US-09-614-847-125
; Sequence 125, Application US/09614847
; Patent No. 6528486
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/09/614,847
; CURRENT FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
US-09-614-847-125

Query Match 99.2%; Score 127; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQAKEFIAMLVKGR 28

RESULT 6
US-09-805-507-6
; Sequence 6, Application US/09805507
; Patent No. 6579851
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/805,507
; CURRENT FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form
US-09-805-507-6

Query Match 99.2%; Score 127; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAAKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAAKEFIAMLVKGR 28

RESULT 7
PCT-US95-10793-9
Sequence 9, Application PC/TUS9510793
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
ZIP: 46285

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10793
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-1664
TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 27..28
OTHER INFORMATION: /note= "C-terminal amide"

PCT-US95-10793-9
Query Match 99.2%; Score 127; DB 5; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAAKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAAKEFIAMLVKGR 28

RESULT 8

US-08-297-731-10
Sequence 10, Application US/08297731
Patent No. 5574008
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/297,731
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-1664
TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-297-731-10

Query Match 99.2%; Score 127; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 5.8e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAAKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAAKEFIAMLVKGR 28

RESULT 9
US-08-297-731-11
Sequence 11, Application US/08297731
Patent No. 5574008
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/297,731
FILING DATE: 514
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-1664
TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 28..29
OTHER INFORMATION: /note= "C-terminal amide"
US-08-297-731-11

Query Match 99.2%; Score 127; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 5.8e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
Db 5 FTSDVSSYLEGQAQKEFIAMLVKGR 29

RESULT 10

US-09-302-596-5
Sequence 5, Application US/09302596
Patent No. 6284725
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Ehlers, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
TITLE OF INVENTION: Ischemic and Reperfused Tissue
FILE REFERENCE: P03660U51
CURRENT APPLICATION NUMBER: US/09/302,596
CURRENT FILING DATE: 1999-04-30
PRIOR APPLICATION NUMBER: 60/103,498
PRIOR FILING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 29
TYPE: PRT
ORGANISM: mammalian
US-09-302-596-5

Query Match 99.2%; Score 127; DB 3; Length 29;
Best Local Similarity 100.0%; Pred. No. 5.8e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQKEFIAMLVKGR 28

RESULT 11

US-09-333-415-5
Sequence 5, Application US/09333415
Patent No. 6344180
GENERAL INFORMATION:
APPLICANT: Holst, Jens J.
APPLICANT: Vilsboll, Tina
TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
TITLE OF INVENTION: Function and the Presence of the Condition of IGT and
TITLE OF INVENTION: Type-II Diabetes

FILE REFERENCE: P03987U50
CURRENT APPLICATION NUMBER: US/09/333,415
CURRENT FILING DATE: 1999-06-15
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 29
TYPE: PRT
ORGANISM: Homo sapiens
US-09-333-415-5

Query Match 99.2%; Score 127; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 5.8e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQKEFIAMLVKGR 28

RESULT 12

US-09-303-016-5
Sequence 5, Application US/09303016
Patent No. 6429197
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Ehlers, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically
TITLE OF INVENTION: Active Analogues to Improve the Function of the
TITLE OF INVENTION: Ischemic and Reperfused Brain
FILE REFERENCE: P03660U52
CURRENT APPLICATION NUMBER: US/09/303,016
CURRENT FILING DATE: 1999-04-30
PRIOR APPLICATION NUMBER: 60/103,498
PRIOR FILING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 29
TYPE: PRT
ORGANISM: Homo sapiens
US-09-303-016-5

Query Match 99.2%; Score 127; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 5.8e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQKEFIAMLVKGR 28

RESULT 13

US-09-805-507-5
Sequence 5, Application US/09805507
Patent No. 6579851
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Ehlers, Mario
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
LENGTH: 29
TYPE: PRT
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form

OTHER INFORMATION: of GLP-1
US-09-805-507-5

Query Match 99.2%; Score 127; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 5.8e-13;

Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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|||||
DB 4 FTSDVSSYLEGQAQAEFIWLKGR 28
|||||

RESULT 14

PCT-US95-10793-10

Sequence 10, Application PC/TUS9510793

GENERAL INFORMATION:

APPLICANT: Johnson, William T.

APPLICANT: Yakubu-Madus, Fatima E.

TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF

TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Eli Lilly and Company/RSM

STREET: Lilly Corporate Center

CITY: Indianapolis

STATE: IN

COUNTRY: USA

ZIP: 46285

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/10793

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Maciak, Ronald S.

REGISTRATION NUMBER: 35,262

REFERENCE/DOCKET NUMBER: X9630

TELECOMMUNICATION INFORMATION:

TELEPHONE: 317-276-1664

TELEFAX: 317-277-1917

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 29 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

PCT-US95-10793-10

Query Match 99.2%; Score 127; DB 5; Length 29;

Best Local Similarity 100.0%; Pred. No. 5.8e-13;

Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAEFIWLKGR 26
|||||
DB 4 FTSDVSSYLEGQAQAEFIWLKGR 28
|||||

RESULT 15

PCT-US95-10793-11

Sequence 11, Application PC/TUS9510793

GENERAL INFORMATION:

APPLICANT: Johnson, William T.

APPLICANT: Yakubu-Madus, Fatima E.

TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF

TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Eli Lilly and Company/RSM

STREET: Lilly Corporate Center

CITY: Indianapolis

STATE: IN

COUNTRY: USA

ZIP: 46285

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/10793

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Maciak, Ronald S.

REGISTRATION NUMBER: 35,262

REFERENCE/DOCKET NUMBER: X9630

TELECOMMUNICATION INFORMATION:

TELEPHONE: 317-276-1664

TELEFAX: 317-277-1917

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 29 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY: Modified-site

LOCATION: 28..29

OTHER INFORMATION: /note= "C-terminal amide"

PCT-US95-10793-11

Query Match

Best Local Similarity 99.2%; Score 127; DB 5; Length 29;

Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAEFIWLKGR 26
|||||
DB 5 FTSDVSSYLEGQAQAEFIWLKGR 29
|||||

Search completed: July 3, 2004, 00:28:48

Job time : 14.4037 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw mode!

Run on: July 3, 2004, 00:26:08 ; Search time 37.6273 Seconds
(without alignments)
215.093 Million cell updates/sec

Title: US-09-943-084-3

Perfect score: 128
Sequence: 1 PFTSDVSSYLEQAAKRFIAWLKGR 26

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1276540 seqs, 311293816 residues

Total number of hits satisfying chosen parameters: 1276540

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

1: /cgm2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
2: /cgm2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
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7: /cgm2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
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9: /cgm2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
10: /cgm2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep.*
11: /cgm2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
12: /cgm2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
13: /cgm2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
14: /cgm2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
15: /cgm2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
16: /cgm2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
17: /cgm2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
18: /cgm2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	127	99.2	26	10	US-09-943-084-2
2	127	99.2	26	10	US-09-943-084-3
3	127	99.2	28	9	US-09-851-738-6
4	127	99.2	28	9	US-09-805-507-6
5	127	99.2	28	9	US-09-859-804-6
6	127	99.2	28	9	US-09-982-978-6
7	127	99.2	28	9	US-09-953-021B-6
8	127	99.2	28	14	US-10-091-258-6
9	127	99.2	28	14	US-10-055-259-6
10	127	99.2	28	15	US-10-322-839-6
11	127	99.2	28	16	US-10-291-226-125
12	127	99.2	29	9	US-09-851-738-5
13	127	99.2	29	9	US-09-805-507-5
14	127	99.2	29	9	US-09-859-804-5
15	127	99.2	29	9	US-09-982-978-5

16	127	99.2	29	9	US-09-953-021B-5
17	127	99.2	29	14	US-10-091-258-5
18	127	99.2	29	14	US-10-055-259-5
19	127	99.2	29	15	US-10-322-839-5
20	127	99.2	30	9	US-09-851-738-4
21	127	99.2	30	9	US-09-805-507-4
22	127	99.2	30	9	US-09-859-804-4
23	127	99.2	30	9	US-09-982-978-4
24	127	99.2	30	9	US-09-953-021B-4
25	127	99.2	30	10	US-09-834-229A-5
26	127	99.2	30	10	US-09-997-792-10
27	127	99.2	30	10	US-09-997-792-15
28	127	99.2	30	10	US-09-997-792-27
29	127	99.2	30	12	US-10-393-524A-18
30	127	99.2	30	12	US-10-393-524A-19
31	127	99.2	30	12	US-10-393-524A-20
32	127	99.2	30	12	US-09-858-880-2
33	127	99.2	30	12	US-10-201-288-28
34	127	99.2	30	13	US-10-072-540A-4
35	127	99.2	30	13	US-10-125-255-1
36	127	99.2	30	14	US-10-091-258-4
37	127	99.2	30	14	US-10-055-259-4
38	127	99.2	30	14	US-10-265-345A-2
39	127	99.2	30	14	US-10-097-230-3
40	127	99.2	30	15	US-10-378-094-48
41	127	99.2	30	15	US-10-345-751-2
42	127	99.2	30	15	US-10-322-839-4
43	127	99.2	30	15	US-10-215-272-25
44	127	99.2	30	15	US-10-629-261-1
45	127	99.2	30	15	US-10-629-261-66

ALIGNMENTS

RESULT 1

US-09-943-084-2
Sequence 2, Application US/09943084
Publication No. US20030050237A1

GENERAL INFORMATION:

APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189

TELEPHONE: (212)573-1399
TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
ERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-943-084-2

Query Match 99.2%; Score 127; DB 10; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
DB 1 FTSDVSSYLEGQAQKEFIAMLVKGR 25

RESULT 2
US-09-943-084-3
Sequence 3, Application US/09943084
Publication No. US20030050237A1
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran P.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 3:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-943-084-3

Query Match 99.2%; Score 127; DB 10; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
DB 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26

RESULT 3
US-09-851-738-6
Sequence 6, Application US/09851738
Patent No. US20020055460A1
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
Ehlers, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
TITLE OF INVENTION: Ischemic and Reperfused Tissue
FILE REFERENCE: P03660US1
CURRENT APPLICATION NUMBER: US/09/851,738
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: 09/302,596
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: mammalian
US-09-851-738-6
Query Match 99.2%; Score 127; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
DB 4 FTSDVSSYLEGQAQKEFIAMLVKGR 28

RESULT 4
US-09-805-507-6
Sequence 6, Application US/09805507
Patent No. US20020098195A1

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; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-982-978-6

Query Match          99.2%; Score 127; DB 9; Length 28;
Best Local Similarity 100.0%; Pred.No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 2 FTSDVSSYLEGQAAKEFIAMLVKGR 26
   |||||||||||||||||||||||||
Db 4 FTSDVSSYLEGQAAKEFIAMLVKGR 28

RESULT 7
US-09-953-021B-6
; Sequence 6, Application US/09953021B
; Patent No. US20020147131A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas L.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Insulin
; TITLE OF INVENTION: Repurposed Skeletal Muscle Tissue
; FILE REFERENCE: P03660US6
; CURRENT APPLICATION NUMBER: US/09/953,021B
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-953-021B-6

Query Match          99.2%; Score 127; DB 9; Length 28;
Best Local Similarity 100.0%; Pred.No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 2 FTSDVSSYLEGQAAKEFIAMLVKGR 26
   |||||||||||||||||||||||||
Db 4 FTSDVSSYLEGQAAKEFIAMLVKGR 28

RESULT 8
US-10-091-258-6
; Sequence 6, Application US/10091258
; Publication No. US20030073626A1
; GENERAL INFORMATION:
; APPLICANT: Hathaway, David R
; APPLICANT: Coolidge, Thomas R
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
; FILE REFERENCE: RGN-2
; CURRENT APPLICATION NUMBER: US/10/091,258
; CURRENT FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: mammalian
US-10-091-258-6

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Query Match      99.2%; Score 127; DB 14; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQKEFIAMLVKGR 28

RESULT 9
US-10-055-259-6
; Sequence 6, Application US/10055259
; Publication No. US20030091507A1
; GENERAL INFORMATION:
; APPLICANT: Holst, Jens J.
; APPLICANT: Vilsbøll, Tina
; TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE BETA-CELL FUNCTION AND TH
; FILE REFERENCE: P01987US1
; CURRENT FILING DATE: 2002-06-21
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-055-259-6

Query Match      99.2%; Score 127; DB 14; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQKEFIAMLVKGR 28

RESULT 10
US-10-322-839-6
; Sequence 6, Application US/10322839
; Publication No. US2004002454A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: P05671US2
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-10-322-839-6

Query Match      99.2%; Score 127; DB 15; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQKEFIAMLVKGR 28
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RESULT 11
US-10-291-226-125
; Sequence 125, Application US/10291226
; Publication No. US20040106547A1
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291,226
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US/09/614,947
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
US-10-291-226-125

Query Match      99.2%; Score 127; DB 16; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQKEFIAMLVKGR 28

RESULT 12
US-09-851-738-5
; Sequence 5, Application US/09851738
; Patent No. US20020055460A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
; TITLE OF INVENTION: Ischemic and Reperfused Tissue
; FILE REFERENCE: P03660US1
; CURRENT APPLICATION NUMBER: US/09/851,738
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: mammalian
US-09-851-738-5

Query Match      99.2%; Score 127; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQKEFIAMLVKGR 26
Db 4 FTSDVSSYLEGQAQKEFIAMLVKGR 28

RESULT 13
US-09-805-507-5
; Sequence 5, Application US/09805507
; Patent No. US20020098195A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
```

; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/805,507
; CURRENT FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-805-507-5

Query Match 99.2%; Score 127; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQKEFIWLKGR 26
|||||
Db 4 FTSDVSSYLEGQAQKEFIWLKGR 28

RESULT 14
US-09-859-804-5
; Sequence 5, Application US/09859804
; Patent No. US20020107206A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/859,804
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-859-804-5

Query Match 99.2%; Score 127; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQKEFIWLKGR 26
|||||
Db 4 FTSDVSSYLEGQAQKEFIWLKGR 28

RESULT 15
US-09-982-978-5
; Sequence 5, Application US/09982978
; Patent No. US20020146405A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/982,978
; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18

; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-982-978-5

Query Match 99.2%; Score 127; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQKEFIWLKGR 26
|||||
Db 4 FTSDVSSYLEGQAQKEFIWLKGR 28

Search completed: July 3, 2004, 00:51:49
Job time : 37.6273 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: July 3, 2004, 00:22:02 ; Search time 166.658 Seconds
(without alignments)
152.272 Million cell updates/sec

Title: US-09-943-084-3

Perfect score: 128

Sequence: 1 ?FTSDVSSYLEGQAKEFLAVLKGR 26

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 6019581 seqs, 976053577 residues

Total number of hits satisfying chosen parameters: 6019581

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Pending Patents AA Main:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB ID	Description
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2	127	99.2	26	24	US-09-943-084-3	Sequence 3, Appli
3	127	99.2	28	1	PCT-US02-13088-6	Sequence 6, Appli
4	127	99.2	28	20	US-09-646-433-6	Sequence 6, Appli
5	127	99.2	28	21	US-09-719-410-6	Sequence 6, Appli
6	127	99.2	28	23	US-09-851-738-6	Sequence 6, Appli
7	127	99.2	28	23	US-09-859-804-6	Sequence 6, Appli
8	127	99.2	28	25	US-09-953-021-6	Sequence 6, Appli
9	127	99.2	28	25	US-09-953-021B-6	Sequence 6, Appli
10	127	99.2	28	25	US-09-982-978-6	Sequence 6, Appli
11	127	99.2	28	26	US-10-055-259-6	Sequence 6, Appli
12	127	99.2	28	26	US-10-091-258-6	Sequence 6, Appli
13	127	99.2	28	28	US-10-291-226-125	Sequence 125, App
14	127	99.2	28	29	US-10-322-839-6	Sequence 6, Appli
15	127	99.2	29	1	PCT-US02-13088-5	Sequence 5, Appli
16	127	99.2	29	16	US-09-206-833-77	Sequence 77, Appli
17	127	99.2	29	16	US-09-206-833-118	Sequence 118, App
18	127	99.2	29	20	US-09-646-433-5	Sequence 5, Appli
19	127	99.2	29	21	US-09-719-410-5	Sequence 5, Appli
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21	127	99.2	29	23	US-09-859-804-5	Sequence 5, Appli
22	127	99.2	29	25	US-09-953-021-5	Sequence 5, Appli
23	127	99.2	29	25	US-09-953-021B-5	Sequence 5, Appli
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26	127	99.2	29	26	US-10-091-258-5	Sequence 5, Appli
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28	127	99.2	30	1	PCT-US02-13088-4	Sequence 4, Appli
29	127	99.2	30	1	PCT-US02-24141-1	Sequence 1, Appli
30	127	99.2	30	1	PCT-US02-24141-3	Sequence 3, Appli
31	127	99.2	30	1	PCT-US02-24141-4	Sequence 4, Appli
32	127	99.2	30	1	PCT-US02-25227-25	Sequence 25, Appli
33	127	99.2	30	1	PCT-US02-31693A-2	Sequence 2, Appli
34	127	99.2	30	1	PCT-US02-40891-1808	Sequence 1808, Ap
35	127	99.2	30	1	PCT-US02-40892-698	Sequence 698, App
36	127	99.2	30	1	PCT-US02-40892A-698	Sequence 1, Appli
37	127	99.2	30	1	PCT-US03-16470A-1	Sequence 31, Appli
38	127	99.2	30	1	PCT-US03-16643-31	Sequence 4, Appli
39	127	99.2	30	1	PCT-US03-16645-4	Sequence 4, Appli
40	127	99.2	30	1	PCT-US03-26778-14	Sequence 14, Appli
41	127	99.2	30	1	PCT-US03-26818-48	Sequence 48, Appli
42	127	99.2	30	1	PCT-US03-28093-1	Sequence 1, Appli
43	127	99.2	30	1	PCT-US04-01369-293	Sequence 293, App
44	127	99.2	30	1	PCT-US04-01369-295	Sequence 295, App
45	127	99.2	30	1	PCT-US04-01369-296	Sequence 296, App

ALIGNMENTS

RESULT 1

US-09-943-084-2

Sequence 2, Application US/09943084

GENERAL INFORMATION:

APPLICANT: Kim, Yesook

Qi, Hong

Lambert, William J.

Gelfand, Robert A.

Geoghegan, Kieran F.

Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSSEE: Pfizer Inc

STREET: 235 East 42nd Street, 20th Floor

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10017-5755

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943.084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
ERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-943-084-2

Query Match 99.2%; Score 127; DB 24; Length 26;
Best Local Similarity 100.0%; Pred. No. 5.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAARKEFIWLKGR 26
Db 1 FTSDVSSYLEGQAARKEFIWLKGR 25

RESULT 2

US-09-943-084-3

Sequence 3, Application US/09943084

GENERAL INFORMATION:

APPLICANT: Kim, Yesook

Lambert, William J.

Qi, Hong

Gelfand, Robert A.

Geoghegan, Kieran P.

Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pfizer Inc

STREET: 235 East 42nd Street, 20th Floor

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10017-5755

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 3:
ERISTICS:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-943-084-3

Query Match 99.2%; Score 127; DB 24; Length 26;
Best Local Similarity 100.0%; Pred. No. 5.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 2 FTSDVSSYLEGQAARKEFIWLKGR 26

RESULT 3

PCT-US02-13088-6

Sequence 6, Application PC/TUS0213088

GENERAL INFORMATION:

APPLICANT: Restoragen, Inc.

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH

TITLE OF INVENTION: RESISTANCE

FILE REFERENCE: RGN-3

CURRENT APPLICATION NUMBER: PCT/US02/13088

CURRENT FILING DATE: 2002-04-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn version 3.1

SEQ ID NO 6

LENGTH: 28

TYPE: PRT

ORGANISM: mammalian

PCT-US02-13088-6

Query Match

Best Local Similarity 99.2%; Score 127; DB 1; Length 28;

Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQAEFIAMLVKGR 28

RESULT 4
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; Sequence 6, Application US/09646433
; GENERAL INFORMATION:
; APPLICANT: Goke, Burkhard
; APPLICANT: Schirra, Jorg
; TITLE OF INVENTION: HUMAN APPETITE CONTROL BY GLUCAGON-LIKE PEPTIDE RECEPTOR BINDING
; FILE REFERENCE: P03893US1
; CURRENT APPLICATION NUMBER: US/09/646,433
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: US 60/189,091
; PRIOR FILING DATE: 2008-03-14
; PRIOR APPLICATION NUMBER: PCT/US99/05571
; PRIOR FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-09-646-433-6

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Best Local Similarity 100.0%; Pred. No. 6.3e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQAEFIAMLVKGR 28

RESULT 5
US-09-719-410-6
; Sequence 6, Application US/09719410
; GENERAL INFORMATION:
; APPLICANT: Goke, Burkhard
; APPLICANT: Byrne, Maria
; TITLE OF INVENTION: Glucagon-Like Peptide-1 Improves the Ability of the
; TITLE OF INVENTION: B-Cell to Sense and Respond to Glucose in Subjects with
; TITLE OF INVENTION: Impaired Glucose Tolerance
; FILE REFERENCE: P03986US2
; CURRENT APPLICATION NUMBER: US/09/719,410
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: PCT/US99/10040
; PRIOR FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: mammalian
US-09-719-410-6

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Best Local Similarity 100.0%; Pred. No. 6.3e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQAEFIAMLVKGR 28

RESULT 6
US-09-851-738-6
; Sequence 6, Application US/09851738
; GENERAL INFORMATION:
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; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
; TITLE OF INVENTION: Ischemic and Reperused Tissue
; FILE REFERENCE: P03660US1
; CURRENT APPLICATION NUMBER: US/09/851,738
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: mammalian
US-09-851-738-6

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Best Local Similarity 100.0%; Pred. No. 6.3e-12;
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Db 4 FTSDVSSYLEGQAQAEFIAMLVKGR 28

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US-09-859-804-6
; Sequence 6, Application US/09859804
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/859,804
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
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; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-859-804-6

Query Match 99.2%; Score 127; DB 23; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.3e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 4 FTSDVSSYLEGQAQAEFIAMLVKGR 28

RESULT 8
US-09-953-021-6
; Sequence 6, Application US/09953021
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the
; TITLE OF INVENTION: Function of
; TITLE OF INVENTION: Ischemic and Reperused Tissue
; FILE REFERENCE: P03660US1
; CURRENT APPLICATION NUMBER: US/09/953,021
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: mammalian
US-09-953-021-6

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Query Match 99.2%; Score 127; DB 25; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.3e-12;
Matches 25; Conservative 0; Mismatches 0; Indels.

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RESULT 9
US-09-953-021B-6
; Sequence 6, Application US/09953021B
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas L.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention
; TITLE OF INVENTION: Repetused Skeletal M
; FILE REFERENCE: P03466C056
; CURRENT APPLICATION NUMBER: US/09/953,021B
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin ver. 2.0
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-953-021B-6

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Query Match 99.2%; Score 127; DB 25; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.3e-12;
Matches 25; Conservative 0; Mismatches 0; Indels

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Db 4 FTSDVSSYLEGQAAKEFI~~AWLV~~KGR 28

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US-09-982-978-6
; Sequence 6, Application US/09982978
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/982,978
; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-982-978-6

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Query Match 99.2%; Score 127; DB 25; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.3e-12;

	Matches	25;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
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Db	4	FTSDVSSYLEGQAQKEFI	AWLVKGR	28						

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RESULT 11
US-10-055-259-6
; Sequence 6, Application US/10055259
; GENERAL INFORMATION:
; APPLICANT: HOIST, Jens J.
; APPLICANT: Vilsbøll, Tina
; TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND
; TITLE OF INVENTION: PRESENCE OF IGT AND TYPE-II DIABETES
; FILE REFERENCE: P03987US1

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, , CURRENT APPLICATION NUMBER: US/10/055,259
, ,
, , CURRENT FILING DATE: 2002-06-21
, ,
, , NUMBER OF SEQ ID NOS: 13
, , SOFTWARE: Patentin version 3.1
, , SEQ ID NO 6
, , LENGTH: 28
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, , ORGANISM: Homo sapiens
, , US-10-055-259-6

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Query Match	99.2%	Score 127;	DB 26;
Best Local Similarity	100.0%;	Pred. NO. 6.3e-12;	Length 28;
Matches 25;	Conservative 0;	Mismatches 0;	Indels 0;
Gaps 0;			

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Db 4 FTSDVSSYLEGQAQKEFIAWLVKGR 28
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RESULT 12
US-10-091-258-6
; Sequence 6, Application US/10091258
; GENERAL INFORMATION:
; APPLICANT: Hathaway, David R
; APPLICANT: Coolidge, Thomas R
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
; FILE REFERENCE: RGN-2
; CURRENT APPLICATION NUMBER: US/10/091,258
; CURRENT FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: mammalian
US-10-091-258-6

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Query Match	99.2%	Score 127;	DB 26;	Length 28;
Best Local Similarity	100.0%;	Pred. NO. 6.3e-12;		
Matches	25;	Conservative 0;	Mismatches 0;	Indels 0;
Gaps	0;			

Qy 2 FTSDVSSYLEGQAAKEPIAWLVKGR 26
|||
Db 4 FTSDVSSYLEGQAAKEPIAWLVKGR 28
|||

RESULT 13
US-10-291-226-125
: Sequence 125, Application US/10291226
: GENERAL INFORMATION:
: APPLICANT: Larsen, Bjarne Due
: APPLICANT: Mikkelsen, Jens Mollgaard
: APPLICANT: Neve, Soren
: TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
: FILE REFERENCE: 55511(45487)
: CURRENT APPLICATION NUMBER: US/10/291,226
: CURRENT FILING DATE: 2002-11-08

```
; PRIOR APPLICATION NUMBER: US/09/614,847
; PRIOR FILING DATE: 12000-07-12
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 125
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
US-10-291-226-125

Query Match          99.2%; Score 127; DB 28; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.3e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2 FTSDVSSYLEGQAQAKEFTIAWLKGR 26
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DB  4 FTSDVSSYLEGQAQAKEFTIAWLKGR 28
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RESULT 14
US-10-322-839-6
; Sequence 6, Application US/10322839
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: P05671052
; CURRENT APPLICATION NUMBER: US/10/322,839
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-10-322-839-6

Query Match          99.2%; Score 127; DB 29; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.3e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2 FTSDVSSYLEGQAQAKEFTIAWLKGR 26
    |||||
DB  4 FTSDVSSYLEGQAQAKEFTIAWLKGR 28
    |||||

RESULT 15
PCT-US02-13088-5
; Sequence 5, Application PC/TUS0213088
; GENERAL INFORMATION:
; APPLICANT: Restoragen, Inc.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
; TITLE OF INVENTION: RESISTANCE
; FILE REFERENCE: RGN-3
; CURRENT APPLICATION NUMBER: PCT/US02/13088
; CURRENT FILING DATE: 2002-04-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: mammalian
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PCT-US02-13088-5

Query Match 99.2%; Score 127; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 6.6e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAKEFTIAWLKGR 26
 |||||
DB 4 FTSDVSSYLEGQAQAKEFTIAWLKGR 28
 |||||

Search completed: July 3, 2004, 00:46:13
Job time : 166.658 secs

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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:25:27 ; Search time 12.2733 Seconds
(without alignments)
105.442 Million cell updates/sec

Title: US-09-943-084-3
Perfect score: 128
Sequence: 1 FTSDVSSYLEGQAAKEFIAMLVKGR 26

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 327902 seqs, 49773865 residues

Total number of hits satisfying chosen parameters: 327902

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending Patents AA.New:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Match Length	ID	Description
1	127	99.2	28	US-10-291-226A-125	Sequence 125, App
2	127	99.2	30	PCT-US04-04421-774	Sequence 774, App
3	127	99.2	30	PCT-US04-04421-775	Sequence 775, App
4	127	99.2	30	PCT-US04-04421-778	Sequence 778, App
5	127	99.2	30	PCT-US04-06462-90	Sequence 90, App
6	127	99.2	30	PCT-US04-06082-2	Sequence 2, Appl
7	127	99.2	30	US-09-716-166-14	Sequence 14, Appl
8	127	99.2	30	US-09-635-679E-4	Sequence 4, Appl
9	127	99.2	30	US-10-485-140-1	Sequence 1, Appl
10	127	99.2	30	US-10-485-140-3	Sequence 3, Appl
11	127	99.2	30	US-10-485-140-4	Sequence 4, Appl
12	127	99.2	30	US-10-291-226A-87	Sequence 87, Appl
13	127	99.2	30	US-10-291-226A-112	Sequence 112, App
14	127	99.2	30	US-10-291-226A-113	Sequence 113, App
15	127	99.2	30	US-10-291-226A-114	Sequence 114, App
16	127	99.2	30	US-10-291-226A-111	Sequence 111, App
17	127	99.2	30	US-10-775-180-698	Sequence 698, App
18	127	99.2	30	US-10-775-204-1808	Sequence 1808, App
19	127	99.2	30	US-10-769-080-1	Sequence 1, Appl
20	127	99.2	30	US-10-488-341-4	Sequence 4, Appl
21	127	99.2	30	US-10-716-326-25	Sequence 25, Appl
22	127	99.2	30	US-10-811-646-5	Sequence 5, Appl
23	127	99.2	30	US-10-715-976-25	Sequence 25, Appl
24	127	99.2	30	US-10-741-534-1	Sequence 1, Appl
25	127	99.2	31	US-60-549-567-48	Sequence 48, Appl
26	127	99.2	31	PCT-US04-04421-776	Sequence 776, App
			31	PCT-US04-06462-32	Sequence 32, Appl

27 127 99.2 31 1 PCT-US04-06462-91 Sequence 91, Appl
28 127 99.2 31 1 PCT-US04-06462-92 Sequence 92, Appl
29 127 99.2 31 1 PCT-US04-06462-94 Sequence 94, Appl
30 127 99.2 31 1 PCT-US04-06082-1 Sequence 1, Appl
31 127 99.2 31 5 US-09-716-166-13 Sequence 13, Appl
32 127 99.2 31 6 US-10-485-140-8 Sequence 8, Appl
33 127 99.2 31 6 US-10-485-619-3 Sequence 3, Appl
34 127 99.2 31 6 US-10-291-226A-111 Sequence 111, App
35 127 99.2 31 6 US-10-291-226A-123 Sequence 123, App
36 127 99.2 31 6 US-10-291-226A-124 Sequence 124, App
37 127 99.2 31 6 US-10-486-333-1 Sequence 1, Appl
38 127 99.2 31 6 US-10-723-099A-2 Sequence 2, Appl
39 127 99.2 31 6 US-10-723-099A-17 Sequence 17, Appl
40 127 99.2 31 6 US-10-723-099A-27 Sequence 27, Appl
41 127 99.2 31 6 US-10-723-099A-28 Sequence 28, Appl
42 127 99.2 31 6 US-10-723-099A-29 Sequence 29, Appl
43 127 99.2 31 6 US-10-723-099A-30 Sequence 30, Appl
44 127 99.2 31 6 US-10-722-733-2 Sequence 2, Appl
45 127 99.2 31 6 US-10-722-733-17 Sequence 17, Appl

ALIGNMENTS

RESULT 1
US-10-291-226A-125
; Sequence 125, Application US/10291226A
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291,226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 28
; TYPE: PPT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
US-10-291-226A-125

Query Match 99.2% Score 127; DB 6; Length 28;
Best Local Similarity 100.0%; Pred.No. 1.1e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAAKEFIAMLVKGR 26
|||||
Db 4 FTSDVSSYLEGQAAKEFIAMLVKGR 28

RESULT 2
PCT-US04-04421-774
; Sequence 774, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 774
; LENGTH: 30

;
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Illustrative synthetic
; OTHER INFORMATION: modified hGLP-1 peptide
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (2)-(42)
; OTHER INFORMATION: A5C
; FEATURE:
; OTHER INFORMATION: c-term amidation
PCT-US04-04421-774

Query Match 99.2%; Score 127; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 3
PCT-US04-04421-775
; Sequence 775, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 775
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Illustrative hGLP-1(7-36)
; FEATURE:
; OTHER INFORMATION: c-term may or may not be amidated
PCT-US04-04421-775

Query Match 99.2%; Score 127; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 4
PCT-US04-04421-778
; Sequence 778, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 778
; LENGTH: 30

;
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified
; OTHER INFORMATION: hGLP-1 peptide
; FEATURE:
; OTHER INFORMATION: c-term amidation
; NAME/KEY: MOD RES
; LOCATION: (1)-(1)
; OTHER INFORMATION: Tma-His
PCT-US04-04421-778

Query Match 99.2%; Score 127; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 5
PCT-US04-06462-90
; Sequence 90, Application PC/TUS0406462
; GENERAL INFORMATION:
; APPLICANT: Biorexis Pharmaceutical Corp.
; APPLICANT: Sadeghi, Homayoun
; APPLICANT: Prior, Christopher P.
; APPLICANT: Ballance, David J.
; TITLE OF INVENTION: Dipeptidyl peptidase protected proteins
; FILE REFERENCE: 54710-5010-WO
; CURRENT APPLICATION NUMBER: PCT/US04/06462
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: US 10/378,094
; PRIOR FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: PCT/US 03/26818
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 119
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 90
; LENGTH: 30
; TYPE: PRT
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: A8G modified GLP-1
PCT-US04-06462-90

Query Match 99.2%; Score 127; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 6
PCT-US04-06082-2
; Sequence 2, Application PC/TUS0406082
; GENERAL INFORMATION:
; APPLICANT: Eli Lilly and Company
; TITLE OF INVENTION: Polyethylene Glycol Linked GLP-1 Compounds
; FILE REFERENCE: X-16020
; CURRENT APPLICATION NUMBER: PCT/US04/06082
; CURRENT FILING DATE: 2004-03-23
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US04-06082-2

Query Match 99.2%; Score 127; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 7

US-09-716-166-14
; Sequence 14, Application US/09716166
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Concino, Michael P.
; APPLICANT: Duguay, Stephen J.
; TITLE OF INVENTION: NUCLEIC ACID CONSTRUCT FOR OPTIMIZED
; TITLE OF INVENTION: PRODUCTION OF PRODUCTS
; FILE REFERENCE: 10278-014001
; CURRENT APPLICATION NUMBER: US/09/716,166
; CURRENT FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/166,508
; PRIOR FILING DATE: 1993-11-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetically generated polypeptide
US-09-716-166-14

Query Match 99.2%; Score 127; DB 5; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 8

US-09-635-679E-4
; Sequence 4, Application US/09635679E
; GENERAL INFORMATION:
; APPLICANT: Habener, Joel
; TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
; FILE REFERENCE: 0609.1090069
; CURRENT APPLICATION NUMBER: US/09/635,679E
; CURRENT FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: 09/090,949
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 08/749,762
; PRIOR FILING DATE: 1996-11-20
; PRIOR APPLICATION NUMBER: 08/156,800
; PRIOR FILING DATE: 1993-11-23
; PRIOR APPLICATION NUMBER: 07/756,215
; PRIOR FILING DATE: 1991-09-05
; PRIOR APPLICATION NUMBER: 07/532,111
; PRIOR FILING DATE: 1990-06-01
; PRIOR APPLICATION NUMBER: 07/148,517
; PRIOR FILING DATE: 1988-01-26
; PRIOR APPLICATION NUMBER: 06/859,928
; PRIOR FILING DATE: 1986-05-05
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetically generated polypeptide

; OTHER INFORMATION: insulinotropic peptide
US-09-635-679E-4

Query Match 99.2%; Score 127; DB 5; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 9

US-10-485-140-1
; Sequence 1, Application US/10485140
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America, as represented by the
; APPLICANT: Secretary, Department of Health and Human Services
; APPLICANT: Greig, Nigel H.
; APPLICANT: Egan, Josephine
; APPLICANT: Doyle, Maire
; APPLICANT: Holloway, Harold
; TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
; FILE REFERENCE: 14014.0396P1
; CURRENT APPLICATION NUMBER: US/10/485,140
; CURRENT FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 60/309,076
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Human
US-10-485-140-1

Query Match 99.2%; Score 127; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 10

US-10-485-140-3
; Sequence 3, Application US/10485140
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America, as represented by the
; APPLICANT: Secretary, Department of Health and Human Services
; APPLICANT: Greig, Nigel H.
; APPLICANT: Egan, Josephine
; APPLICANT: Doyle, Maire
; APPLICANT: Holloway, Harold
; TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
; FILE REFERENCE: 14014.0396P1
; CURRENT APPLICATION NUMBER: US/10/485,140
; CURRENT FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 60/309,076
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence./Note =
; OTHER INFORMATION: Synthetic Construct
US-10-485-140-3

Query Match 99.2%; Score 127; DB 6; Length 30;


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Best Local Similarity 100.0%; Pred. No. 1.2e-12; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 11
US-10-485-140-4
; Sequence 4, Application US/10485140
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America, as represented by the
; SECRETARY, Department of Health and Human Services
; APPLICANT: Greig, Nigel H.
; APPLICANT: Egan, Josephine
; APPLICANT: Doyle, Maïre
; APPLICANT: Holloway, Harold
; TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
; FILE REFERENCE: 14014.0396P1
; CURRENT APPLICATION NUMBER: US/10/485,140
; CURRENT FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 60/309,076
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/Note =
; OTHER INFORMATION: Synthetic Construct
US-10-485-140-4

Query Match 99.2%; Score 127; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 12
US-10-291-226A-87
; Sequence 87, Application US/10291226A
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291,226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 87
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Gly8-GLP-1-(7-36) (Human)-NH2
US-10-291-226A-87

Query Match 99.2%; Score 127; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
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Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 13
US-10-291-226A-112
; Sequence 112, Application US/10291226A
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291,226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 112
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Gly8Lys34N-palmitoyl-GLP-1 (7-36)
; NAME/KEY: MOD RES
; LOCATION: (28)
; OTHER INFORMATION: Lys(N-palmitoyl)
US-10-291-226A-112

Query Match 99.2%; Score 127; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAEFIAMLVKGR 26
Db 6 FTSDVSSYLEGQAQAEFIAMLVKGR 30

RESULT 14
US-10-291-226A-113
; Sequence 113, Application US/10291226A
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291,226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 113
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Gly8Lys26N-palmitoyl-GLP-1 (7-36)
; NAME/KEY: MOD RES
; LOCATION: (20)
; OTHER INFORMATION: Lys(N-palmitoyl)
US-10-291-226A-113

Query Match 99.2%; Score 127; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 2 FTSDVSSYLEGQAQAEFIWLKGR 26
Db 6 FTSDVSSYLEGQAQAEFIWLKGR 30

RESULT 15
US-10-291-226A-114
; Sequence 114, Application US/10291226A
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelisen, Jens Mollgaard
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291,226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 114
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: GLP-1(7-36)
US-10-291-226A-114

Query Match 99.2%; Score 127; DB 6; Length 30;
Best Local Similarity 100.0%; Pred No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FTSDVSSYLEGQAQAEFIWLKGR 26
Db 6 FTSDVSSYLEGQAQAEFIWLKGR 30

Search completed: July 3, 2004, 00:47:42
Job time : 12.2733 secs

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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:21:27 ; Search time 12.3727 Seconds
(without alignments)
100.142 Million cell updates/sec

Title: US-09-943-084-4

Perfect score: 122
Sequence: 1 FTSDVSSYLEGQAAKEFIAMLVKG 24

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:

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6: /cgn2_6/prodata/2/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	122	100.0	28	1 US-08-297-731-9	Sequence 9, Appli
2	122	100.0	28	3 US-09-302-596-6	Sequence 6, Appli
3	122	100.0	28	4 US-09-333-415-6	Sequence 6, Appli
4	122	100.0	28	4 US-09-303-016-6	Sequence 6, Appli
5	122	100.0	28	4 US-09-614-847-125	Sequence 125, App
6	122	100.0	28	4 US-09-805-507-6	Sequence 6, Appli
7	122	100.0	28	5 PCT-US95-10793-9	Sequence 9, Appli
8	122	100.0	29	1 US-08-297-731-10	Sequence 10, Appli
9	122	100.0	29	1 US-08-297-731-11	Sequence 11, Appli
10	122	100.0	29	3 US-09-302-596-5	Sequence 5, Appli
11	122	100.0	29	3 US-08-472-349-4	Sequence 4, Appli
12	122	100.0	29	4 US-09-333-415-5	Sequence 5, Appli
13	122	100.0	29	4 US-09-209-799D-9	Sequence 9, Appli
14	122	100.0	29	4 US-09-303-016-5	Sequence 5, Appli
15	122	100.0	29	4 US-09-397-792A-7	Sequence 7, Appli
16	122	100.0	29	4 US-09-805-507-5	Sequence 5, Appli
17	122	100.0	29	5 PCT-US95-10793-10	Sequence 10, Appli
18	122	100.0	29	5 PCT-US95-10793-11	Sequence 11, Appli
19	122	100.0	30	1 US-08-066-480-6	Sequence 6, Appli
20	122	100.0	30	1 US-08-095-162-1	Sequence 1, Appli
21	122	100.0	30	1 US-08-297-731-12	Sequence 12, Appli
22	122	100.0	30	1 US-08-470-220A-1	Sequence 1, Appli
23	122	100.0	30	2 US-08-827-227-1	Sequence 1, Appli
24	122	100.0	30	3 US-08-967-374-1	Sequence 1, Appli
25	122	100.0	30	3 US-09-348-136-1	Sequence 1, Appli
26	122	100.0	30	3 US-08-961-405A-5	Sequence 5, Appli
27	122	100.0	30	3 US-08-915-918A-5	Sequence 5, Appli

28 122 100.0 30 3 US-09-302-596-4 Sequence 4, Appli
29 122 100.0 30 3 US-08-472-349-3 Sequence 3, Appli
30 122 100.0 30 4 US-09-333-415-4 Sequence 4, Appli
31 122 100.0 30 4 US-09-585-181A-4 Sequence 4, Appli
32 122 100.0 30 4 US-09-209-799D-10 Sequence 10, Appli
33 122 100.0 30 4 US-08-203-789D-15 Sequence 15, Appli
34 122 100.0 30 4 US-09-203-789D-27 Sequence 27, Appli
35 122 100.0 30 4 US-09-975-905-1 Sequence 1, Appli
36 122 100.0 30 4 US-09-505-991-1 Sequence 1, Appli
37 122 100.0 30 4 US-09-573-809-1 Sequence 1, Appli
38 122 100.0 30 4 US-09-303-016-4 Sequence 4, Appli
39 122 100.0 30 4 US-09-213-663-4 Sequence 4, Appli
40 122 100.0 30 4 US-09-614-847-87 Sequence 87, Appli
41 122 100.0 30 4 US-09-614-847-112 Sequence 112, App
42 122 100.0 30 4 US-09-614-847-113 Sequence 113, App
43 122 100.0 30 4 US-09-614-847-114 Sequence 114, App
44 122 100.0 30 4 US-09-997-792A-8 Sequence 8, Appli
45 122 100.0 30 4 US-09-997-792A-13 Sequence 13, Appli

ALIGNMENTS

RESULT 1

US-08-297-731-9
; Sequence 9, Application US/08297731
; Patent No. 5574008
; GENERAL INFORMATION:
; APPLICANT: Johnson, William T.
; APPLICANT: Yakubu-Madus, Fatima B.
; TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
; TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Eli Lilly and Company/RSM
; STREET: Lilly Corporate Center
; CITY: Indianapolis
; STATE: IN
; COUNTRY: USA
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/297,731
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Maciak, Ronald S.
; REGISTRATION NUMBER: 35,262
; REFERENCE/DOCKET NUMBER: X9630
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 317-276-1664
; TELEFAX: 317-277-1917
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 27..28
; OTHER INFORMATION: /note= "C-terminal amide"
US-08-297-731-9

Query Match 100.0%; Score 122; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Tue Jul 6 16:41:16 2004

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QY 1 FTSDVSSYLEGQAQAKFEIAVLKVG 24
Db 4 FTSDVSSYLEGQAQAKFEIAVLKVG 27

RESULT 2
US-09-302-596-6
; Sequence 6, Application US/09302596
; Patent No. 6284725
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
; TITLE OF INVENTION: Ischemic and Reperfused Tissue
; FILE REFERENCE: P03660US1
; CURRENT APPLICATION NUMBER: US/09/302,596
; CURRENT FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 60/103,498
; PRIOR FILING DATE: 1998-10-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: mammalian
US-09-302-596-6

Query Match 100.0%; Score 122; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAKFEIAVLKVG 24
Db 4 FTSDVSSYLEGQAQAKFEIAVLKVG 27

RESULT 3
US-09-333-415-6
; Sequence 6, Application US/09333415
; Patent No. 6344180
; GENERAL INFORMATION:
; APPLICANT: Holst, Jens J.
; APPLICANT: Vilsholt, Tina
; TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
; TITLE OF INVENTION: Function and the Presence of the Condition of IGT and
; TITLE OF INVENTION: Type-II Diabetes
; FILE REFERENCE: P03987US0
; CURRENT APPLICATION NUMBER: US/09/333,415
; CURRENT FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-333-415-6

Query Match 100.0%; Score 122; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAKFEIAVLKVG 24
Db 4 FTSDVSSYLEGQAQAKFEIAVLKVG 27

RESULT 4
US-09-303-016-6
; Sequence 6, Application US/09303016
; Patent No. 6429197
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
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; TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically
; TITLE OF INVENTION: Active Analogues to Improve the Function of the
; FILE REFERENCE: P03660US2
; CURRENT APPLICATION NUMBER: US/09/303,016
; CURRENT FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 60/103,498
; PRIOR FILING DATE: 1998-10-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-303-016-6

Query Match 100.0%; Score 122; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAKFEIAVLKVG 24
Db 4 FTSDVSSYLEGQAQAKFEIAVLKVG 27

RESULT 5
US-09-614-847-125
; Sequence 125, Application US/09614847
; Patent No. 6528486
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/09/614,847
; CURRENT FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
US-09-614-847-125

Query Match 100.0%; Score 122; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAKFEIAVLKVG 24
Db 4 FTSDVSSYLEGQAQAKFEIAVLKVG 27

RESULT 6
US-09-805-507-6
; Sequence 6, Application US/09805507
; Patent No. 6579851
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/805,507
; CURRENT FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
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SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form
OTHER INFORMATION: of GLP-1
US-09-805-507-6

Query Match 100.0%; Score 122; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFFIAWLKVG 24
DB 4 FTSDVSSYLEGQAQAEFFIAWLKVG 27

RESULT 7

PCT-US95-10793-9
Sequence 9, Application PC/TUS9510793
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10793
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-1664
TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 27..28
OTHER INFORMATION: /note= "C-terminal amide"

PCT-US95-10793-9
Query Match 100.0%; Score 122; DB 5; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFFIAWLKVG 24
DB 4 FTSDVSSYLEGQAQAEFFIAWLKVG 27

RESULT 8

US-08-297-731-10
Sequence 10, Application US/08297731
Patent No. 5574008
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/297,731
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-1664
TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-297-731-10

Query Match 100.0%; Score 122; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFFIAWLKVG 24
DB 4 FTSDVSSYLEGQAQAEFFIAWLKVG 27

RESULT 9

US-08-297-731-11
Sequence 11, Application US/08297731
Patent No. 5574008
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/08/297,731
; FILING DATE: 514
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Maciak, Ronald S.
; REGISTRATION NUMBER: 35,262
; REFERENCE/DOCKET NUMBER: X9630
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 317-276-1664
; TELEFAX: 317-277-1917
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 29 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 28..29
; OTHER INFORMATION: /note= "C-terminal amide"
;
US-08-297-731-11

Query Match 100.0%; Score 122; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVKG 24
| | | | | | | | | | | | | | | | | | | | |
Db 5 FTSDVSSYLEGQAQAEFIAMLVKG 28

RESULT 10
US-09-302-596-5
; Sequence 5, Application US/09302596
; Patent No. 6284725
; GENERAL INFORMATION:
; APPLICANT: Coelidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
; FILE REFERENCE: P03660US1
; CURRENT APPLICATION NUMBER: US/09/302,596
; PRIOR FILING DATE: 1999-04-30
; PRIOR FILING DATE: 1998-10-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: mammalian
US-09-302-596-5

Query Match 100.0%; Score 122; DB 3; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVKG 24
| | | | | | | | | | | | | | | | | | | | |
Db 4 FTSDVSSYLEGQAQAEFIAMLVKG 27

RESULT 11
US-08-472-349-4
; Sequence 4, Application US/08472349
; Patent No. 6284727
; GENERAL INFORMATION:
; APPLICANT: Kim, Yescok
; APPLICANT: Lambert, William J.
; APPLICANT: Qi, Hong
; APPLICANT: Geifand, Robert A.
; APPLICANT: Geoghegan, Kieran F.

```

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; APPLICATION: Danley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,349
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,655
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheyka, Robert F.
; REGISTRATION NUMBER: 31,304
; REFERENCE/DOCKET NUMBER: PC8391
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)573-1189
; TELEFAX: (212)573-1939
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 29 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: N/A
; STRAIN: N/A
; INDIVIDUAL ISOLATE: N/A
; HAPLOTYPE: N/A
; CELL LINE: N/A
; IMMEDIATE SOURCE:
; LIBRARY: N/A
; CLONE: N/A
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: N/A
; MAP POSITION: N/A
US-08-472-349-4

Query Match 100.0%; Score 122; DB 3; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVKG 24
| | | | | | | | | | | | | | | | | | | | |
Db 6 FTSDVSSYLEGQAQAEFIAMLVKG 29

RESULT 12
US-09-333-415-5
; Sequence 5, Application US/09333415
; Patent No. 6344180
; GENERAL INFORMATION:
; APPLICANT: Holst, Jens J.
; APPLICANT: Vilsboll, Tina
; TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
; TITLE OF INVENTION: Function and the Presence of the Condition of IGT and
; TITLE OF INVENTION: Type-II Diabetes

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; FILE REFERENCE: P03987USO
; CURRENT APPLICATION NUMBER: US/09/333,415
; CURRENT FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-333-415-5

Query Match      100.0%; Score 122; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAQAEFIAMLVKG 27

RESULT 13
US-09-209-799D-9
; Sequence 9, Application US/09209799D
; Patent No. 6380357
; GENERAL INFORMATION:
; APPLICANT: Hermeling, Ronald
; APPLICANT: Hoffmann, James
; APPLICANT: Narasimhan, Chakravarthy
; TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
; FILE REFERENCE: X-10242
; CURRENT APPLICATION NUMBER: US/09/209,799D
; CURRENT FILING DATE: 1998-12-11
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic construct
US-09-209-799D-9

Query Match      100.0%; Score 122; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVKG 24
Db 6 FTSDVSSYLEGQAQAEFIAMLVKG 29

RESULT 14
US-09-303-016-5
; Sequence 5, Application US/09303016
; Patent No. 6429197
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically
; TITLE OF INVENTION: Active Analogues to Improve the Function of the
; TITLE OF INVENTION: Ischemic and Reperfused Brain
; FILE REFERENCE: P03660US2
; CURRENT APPLICATION NUMBER: US/09/303,016
; CURRENT FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 60/103,498
; PRIOR FILING DATE: 1998-10-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-303-016-5

Query Match      100.0%; Score 122; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVKG 24
Db 6 FTSDVSSYLEGQAQAEFIAMLVKG 29

RESULT 15
US-09-997-792A-7
; Sequence 7, Application US/09997792A
; Patent No. 655521
; GENERAL INFORMATION:
; APPLICANT: ELI LILLY and COMPANY
; TITLE OF INVENTION: Glucagon-Like Peptide-1 Crystals
; FILE REFERENCE: X-10242A
; CURRENT APPLICATION NUMBER: US/09/997,792A
; CURRENT FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: US 60/069,728
; PRIOR FILING DATE: 1997-12-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-09-997-792A-7

Query Match      100.0%; Score 122; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVKG 24
Db 6 FTSDVSSYLEGQAQAEFIAMLVKG 29

Search completed: July 3, 2004, 00:28:48
JOB time : 12.3727 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: July 3, 2004, 00:26:08 ; Search time 34.7329 Seconds
(without alignments)
215.093 Million cell updates/sec

Title: US-09-943-084-4

Perfect score: 122

Sequence: 1 FTSDVSSYLEGQAAKEFIMLVKG 24

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1276540 seqs, 311283816 residues

Total number of hits satisfying chosen parameters: 1276540

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

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- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
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- 9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	122	100.0	26	10 US-09-943-084-2	Sequence 2, Appli
3	122	100.0	26	10 US-09-943-084-3	Sequence 3, Appli
4	122	100.0	28	9 US-09-851-738-6	Sequence 6, Appli
5	122	100.0	28	9 US-09-805-507-6	Sequence 6, Appli
6	122	100.0	28	9 US-09-859-804-6	Sequence 6, Appli
7	122	100.0	28	9 US-09-982-978-6	Sequence 6, Appli
8	122	100.0	28	9 US-09-953-021B-6	Sequence 6, Appli
9	122	100.0	28	14 US-10-091-258-6	Sequence 6, Appli
10	122	100.0	28	14 US-10-055-259-6	Sequence 6, Appli
11	122	100.0	28	15 US-10-322-839-6	Sequence 6, Appli
12	122	100.0	28	16 US-10-291-226-125	Sequence 125, App
13	122	100.0	29	9 US-09-851-738-5	Sequence 5, Appli
14	122	100.0	29	9 US-09-805-507-5	Sequence 5, Appli
15	122	100.0	29	9 US-09-859-804-5	Sequence 5, Appli

16 122 100.0 29 9 US-09-982-978-5 Sequence 5, Appli

17 122 100.0 29 9 US-09-953-021B-5 Sequence 5, Appli

18 122 100.0 29 10 US-09-997-792-9 Sequence 9, Appli

19 122 100.0 29 14 US-10-169-657-7 Sequence 7, Appli

20 122 100.0 29 14 US-10-091-258-5 Sequence 5, Appli

21 122 100.0 29 14 US-10-055-259-5 Sequence 8, Appli

22 122 100.0 29 15 US-10-378-094-8 Sequence 5, Appli

23 122 100.0 29 15 US-10-322-839-5 Sequence 24, Appli

24 122 100.0 29 15 US-10-215-272-24 Sequence 4, Appli

25 122 100.0 30 9 US-09-851-738-4 Sequence 4, Appli

26 122 100.0 30 9 US-09-805-507-4 Sequence 4, Appli

27 122 100.0 30 9 US-09-859-804-4 Sequence 4, Appli

28 122 100.0 30 9 US-09-982-978-4 Sequence 4, Appli

29 122 100.0 30 9 US-09-953-021B-4 Sequence 5, Appli

30 122 100.0 30 10 US-09-834-229A-5 Sequence 10, Appli

31 122 100.0 30 10 US-09-997-792-10 Sequence 15, Appli

32 122 100.0 30 10 US-09-997-792-15 Sequence 27, Appli

33 122 100.0 30 10 US-09-997-792-27 Sequence 18, Appli

34 122 100.0 30 12 US-10-393-524A-18 Sequence 19, Appli

35 122 100.0 30 12 US-10-193-524A-19 Sequence 20, Appli

36 122 100.0 30 12 US-10-393-524A-20 Sequence 1, Appli

37 122 100.0 30 12 US-09-858-880-1 Sequence 2, Appli

38 122 100.0 30 12 US-09-858-880-2 Sequence 28, Appli

39 122 100.0 30 12 US-10-201-288-28 Sequence 4, Appli

40 122 100.0 30 13 US-10-072-540A-4 Sequence 1, Appli

41 122 100.0 30 13 US-10-125-255-1 Sequence 4, Appli

42 122 100.0 30 14 US-10-091-258-4 Sequence 4, Appli

43 122 100.0 30 14 US-10-055-259-4 Sequence 2, Appli

44 122 100.0 30 14 US-10-365-345A-2 Sequence 3, Appli

45 122 100.0 30 14 US-10-097-230-3 Sequence 3, Appli

ALIGNMENTS

RESULT 1

US-09-943-084-4

Sequence 4, Application US/09943084

Publication No. US20030050237A1

GENERAL INFORMATION:

APPLICANT: Kim, Yesook

Lambert, William J.

Qi, Hong

Gelfand, Robert A.

Geoghegan, Kieran P.

Panley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pfizer Inc

STREET: 235 East 42nd Street, 20th Floor

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10017-5755

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/943,084

FILING DATE: 31-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/181,655

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Sheyka, Robert F.

REGISTRATION NUMBER: 31,304

REFERENCE/DOCKET NUMBER: PC8391

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)573-1189

TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 4:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-943-084-4

Query Match 100.0%; Score 122; DB 10; Length 24;
Best Local Similarity 100.0%; Pred. No. 6e-12; Indels 0; Gaps 0;
Matches 24; Conservative 0; Mismatches 0;
QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 1 FTSDVSSYLEGQAAKEFIAMLVKG 24

RESULT 2
US-09-943-084-2
Sequence 2, Application US/09943084
Publication No. US20030050237A1
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: SheyKa, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-943-084-2

Query Match 100.0%; Score 122; DB 10; Length 26;
Best Local Similarity 100.0%; Pred. No. 6.6e-12; Indels 0; Gaps 0;
Matches 24; Conservative 0; Mismatches 0;
QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 1 FTSDVSSYLEGQAAKEFIAMLVKG 24

RESULT 3
US-09-943-084-3
Sequence 3, Application US/09943084
Publication No. US20030050237A1
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: SheyKa, Robert F.
REGISTRATION NUMBER: 31,304

REFERENCE/DOCKET NUMBER: PC83191
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 3:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-943-084-3

Query Match 100.0%; Score 122; DB 10; Length 26;
Best Local Similarity 100.0%; Pred. No. 6.6e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAARKEFIAMLVKG 24
DB 2 FTSDVSSYLEGQAARKEFIAMLVKG 25

RESULT 4
US-09-851-738-6
Sequence 6, Application US/09851738
Patent No. US20020055460A1
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
TITLE OF INVENTION: Ischemic and Reperfused Tissue
FILE REFERENCE: P03660US1
CURRENT APPLICATION NUMBER: US/09/851,738
PRIOR FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: 09/302,596
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: mammalian
US-09-851-738-6

Query Match 100.0%; Score 122; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAARKEFIAMLVKG 24
DB 4 FTSDVSSYLEGQAARKEFIAMLVKG 27

RESULT 5
US-09-805-507-6
Sequence 6, Application US/09805507

Patent No. US20020098195A1
GENERAL INFORMATION:
APPLICANT: COOLIDGE, THOMAS R.
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form
OTHER INFORMATION: of GLP-1
US-09-805-507-6

Query Match 100.0%; Score 122; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAARKEFIAMLVKG 24
DB 4 FTSDVSSYLEGQAARKEFIAMLVKG 27

RESULT 6
US-09-859-804-6
Sequence 6, Application US/09859804
Patent No. US20020107206A1
GENERAL INFORMATION:
APPLICANT: COOLIDGE, THOMAS R.
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/859,804
CURRENT FILING DATE: 2001-05-18
PRIOR FILING DATE: 2001-05-18
PRIOR APPLICATION NUMBER: 60/205,239
PRIOR FILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form
OTHER INFORMATION: of GLP-1
US-09-859-804-6

Query Match 100.0%; Score 122; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAARKEFIAMLVKG 24
DB 4 FTSDVSSYLEGQAARKEFIAMLVKG 27

RESULT 7
US-09-982-978-6
Sequence 6, Application US/09982978
Patent No. US20020146405A1
GENERAL INFORMATION:
APPLICANT: COOLIDGE, THOMAS R.
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/982,978

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; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-982-978-6

Query Match      100.0%; Score 122; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAQKEFIAMLVKG 27

RESULT 8
US-09-953-021B-6
; Sequence 6, Application US/09953021B
; Patent No. US20020147131A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas L.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Isch
; TITLE OF INVENTION: Reperfusion Skeletal Muscle Tissue
; FILE REFERENCE: P03660US6
; CURRENT APPLICATION NUMBER: US/09/953,021B
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-953-021B-6

Query Match      100.0%; Score 122; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAQKEFIAMLVKG 27

RESULT 9
US-10-091-258-6
; Sequence 6, Application US/10091258
; Publication No. US20030073626A1
; GENERAL INFORMATION:
; APPLICANT: Hathaway, David R
; APPLICANT: Coolidge, Thomas R
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
; FILE REFERENCE: RGN-2
; CURRENT APPLICATION NUMBER: US/10/091,258
; CURRENT FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: mammalian

US-10-091-258-6
Query Match      100.0%; Score 122; DB 14; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAQKEFIAMLVKG 27

RESULT 10
US-10-055-259-6
; Sequence 6, Application US/10055259
; Publication No. US20030091507A1
; GENERAL INFORMATION:
; APPLICANT: Holst, Jens J.
; APPLICANT: Vilsbøll, Tina
; TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND
; TITLE OF INVENTION: PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
; FILE REFERENCE: P03987US1
; CURRENT APPLICATION NUMBER: US/10/055,259
; CURRENT FILING DATE: 2002-06-21
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-055-259-6

Query Match      100.0%; Score 122; DB 14; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAQKEFIAMLVKG 27

RESULT 11
US-10-322-839-6
; Sequence 6, Application US/10322839
; Publication No. US20040002454A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: P05671US2
; CURRENT APPLICATION NUMBER: US/10/322,839
; CURRENT FILING DATE: 2002-12-19
; PRIOR APPLICATION NUMBER: US 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-10-322-839-6

Query Match      100.0%; Score 122; DB 15; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAQKEFIAMLVKG 27
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RESULT 12
US-10-291-226-125
; Sequence 125, Application US/10291226
; Publication No. US20040106547A1
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291.226
; PRIOR FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US/09/614,847
; PRIOR FILING DATE: 12000-07-12
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
US-10-291-226-125

Query Match 100.0%; Score 122; DB 16; Length 29;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAAKEFIAMLVKG 27

RESULT 13
US-09-851-738-5
; Sequence 5, Application US/09851738
; Patent No. US20020055460A1
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
; TITLE OF INVENTION: Ischemic and Reperused Tissue
; FILE REFERENCE: P03660US1
; CURRENT APPLICATION NUMBER: US/09/851,738
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: mammalian
US-09-851-738-5

Query Match 100.0%; Score 122; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 7.4e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAAKEFIAMLVKG 27

RESULT 14
US-09-805-507-5
; Sequence 5, Application US/09805507
; Patent No. US20020098195A1
; GENERAL INFORMATION:
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; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/805,507
; CURRENT FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-805-507-5

Query Match 100.0%; Score 122; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 7.4e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAAKEFIAMLVKG 27

RESULT 15
US-09-859-804-5
; Sequence 5, Application US/09859804
; Patent No. US20020107206A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/859,804
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-859-804-5

Query Match 100.0%; Score 122; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 7.4e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAAKEFIAMLVKG 27

Search completed: July 3, 2004, 00:51:50
Job time : 35.7329 secs
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:22:02 ; Search time 153.839 Seconds
(without alignments)
152.272 Million cell updates/sec

Title: US-09-943-084-4
Perfect score: 122
Sequence: 1 FTSDVSSYLEGQAQKEPIANLVKG 24

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 6019581 seqs, 976053577 residues

Total number of hits satisfying chosen parameters: 6019581

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :			
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29:	/cgn2_6/prodata/2/paa/US103_COMB.pep.*		
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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1	122	100.0	24	US-09-943-084-4	Sequence 4, Appli
2	122	100.0	26	US-09-943-084-2	Sequence 2, Appli
3	122	100.0	26	US-09-943-084-3	Sequence 3, Appli
4	122	100.0	28	PCT-US02-13088-6	Sequence 6, Appli
5	122	100.0	28	US-09-646-433-6	Sequence 6, Appli
6	122	100.0	28	US-09-719-410-6	Sequence 6, Appli
7	122	100.0	28	US-09-851-738-6	Sequence 6, Appli
8	122	100.0	28	US-09-859-804-6	Sequence 6, Appli
9	122	100.0	28	US-09-933-021-6	Sequence 6, Appli
10	122	100.0	28	US-09-933-021B-6	Sequence 6, Appli
11	122	100.0	28	US-09-982-578-6	Sequence 6, Appli
12	122	100.0	28	US-10-055-259-6	Sequence 6, Appli
13	122	100.0	28	US-10-091-258-6	Sequence 6, Appli
14	122	100.0	28	US-10-291-226-125	Sequence 125, App
15	122	100.0	28	US-10-322-839-6	Sequence 6, Appli
16	122	100.0	29	PCT-US02-13088-5	Sequence 5, Appli
17	122	100.0	29	PCT-US02-25227-24	Sequence 24, Appli
18	122	100.0	29	PCT-US03-26778-8	Sequence 8, Appli
19	122	100.0	29	PCT-US03-26818-8	Sequence 8, Appli
20	122	100.0	29	US-07-899-073-4	Sequence 4, Appli
21	122	100.0	29	US-08-044-133-4	Sequence 4, Appli
22	122	100.0	29	US-08-350-538-52	Sequence 52, Appli
23	122	100.0	29	US-08-355-231-4	Sequence 4, Appli
24	122	100.0	29	US-08-934-171-52	Sequence 52, Appli
25	122	100.0	29	US-09-206-833-118	Sequence 77, Appli
26	122	100.0	29	US-09-206-833-77	Sequence 118, App
27	122	100.0	29	US-09-400-802A-3	Sequence 3, Appli
28	122	100.0	29	US-09-646-433-5	Sequence 5, Appli
29	122	100.0	29	US-09-719-410-5	Sequence 5, Appli
30	122	100.0	29	US-09-762-538-3	Sequence 3, Appli
31	122	100.0	29	US-09-851-738-5	Sequence 5, Appli
32	122	100.0	29	US-09-859-804-5	Sequence 5, Appli
33	122	100.0	29	US-09-933-021-5	Sequence 5, Appli
34	122	100.0	29	US-09-933-021B-5	Sequence 5, Appli
35	122	100.0	29	US-09-982-578-5	Sequence 5, Appli
36	122	100.0	29	US-10-055-259-5	Sequence 5, Appli
37	122	100.0	29	US-10-091-258-5	Sequence 5, Appli
38	122	100.0	29	US-10-169-657-7	Sequence 7, Appli
39	122	100.0	29	US-10-215-272-24	Sequence 24, Appli
40	122	100.0	29	US-10-322-839-5	Sequence 5, Appli
41	122	100.0	29	US-10-378-094-8	Sequence 8, Appli
42	122	100.0	29	US-60-460-829-8	Sequence 8, Appli
43	122	100.0	30	PCT-US02-13088-4	Sequence 4, Appli
44	122	100.0	30	PCT-US02-24141-1	Sequence 1, Appli
45	122	100.0	30	PCT-US02-24141-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-09-943-084-4
; Sequence 4, Application US/09943084
; GENERAL INFORMATION:
; APPLICANT: Kim, Yesook
; Qi, Hong
; Lambert, William J.
; Gelfand, Robert A.
; Geoghegan, Kieran F.
; Danley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/943,084
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA: US/08/181,655
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION: NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION: TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 4:
ERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE: ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE: LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME: CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-943-084-4
Query Match 100.0%; Score 122; DB 24; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.9e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
RESULT 2
US-09-943-084-2
Sequence 2, Application US/09943084
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Qi, Hong
Lambert, William J.
Gelfand, Robert A.
Geoghegan, Kieran P.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/943,084
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA: US/08/181,655
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION: NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION: TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
ERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE: ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE: LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME: CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-943-084-2
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Best Local Similarity 100.0%; Pred. No. 2.1e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
RESULT 3
US-09-943-084-3
Sequence 3, Application US/09943084
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Qi, Hong
Lambert, William J.
Gelfand, Robert A.
Geoghegan, Kieran P.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICANT: Patent In Release #1.0, Version #1.25
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Shevka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 3:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-943-084-3

Query Match 100.0%; Score 122; DB 24; Length 26;
Best Local Similarity 100.0%; Pred. No. 2.1e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
DB 2 FTSDVSSYLEGQAAKEFIAMLVKG 25

RESULT 4
PCT-US02-13088-6
Sequence 6, Application PC/TUS0213088
GENERAL INFORMATION:
APPLICANT: Restoragen, Inc.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
FILE REFERENCE: RGN-3
CURRENT APPLICATION NUMBER: PCT/US02/13088
CURRENT FILING DATE: 2002-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent in version 3.1
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: mammalian
PCT-US02-13088-6

Query Match 100.0%; Score 122; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
DB 4 FTSDVSSYLEGQAAKEFIAMLVKG 27

RESULT 5
US-09-646-433-6
Sequence 6, Application US/09646433
GENERAL INFORMATION:
APPLICANT: Goke, Burkhard
TITLE OF INVENTION: HUMAN APPETITE CONTROL BY GLUCAGON-LIKE PEPTIDE RECEPTOR BINDING
FILE REFERENCE: P03893US1
CURRENT APPLICATION NUMBER: US/09/646,433
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US 60/189,091
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: PCT/US99/05571
PRIOR FILING DATE: 1999-03-16
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent in version 3.1
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-09-646-433-6

Query Match 100.0%; Score 122; DB 20; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
DB 4 FTSDVSSYLEGQAAKEFIAMLVKG 27

RESULT 6
US-09-719-410-6
Sequence 6, Application US/09719410
GENERAL INFORMATION:
APPLICANT: Goke, Burkhard
TITLE OF INVENTION: Glucagon-Like Peptide-1 Improves the Ability of the
TITLE OF INVENTION: B-Cell to Sense and Respond to Glucose in Subjects with
FILE REFERENCE: P03986US2
CURRENT APPLICATION NUMBER: US/09/719,410
CURRENT FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: PCT/US99/10040
PRIOR FILING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: mammalian
US-09-719-410-6

Query Match 100.0%; Score 122; DB 21; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
DB 4 FTSDVSSYLEGQAAKEFIAMLVKG 27

RESULT 7
US-09-851-738-6
Sequence 6, Application US/09851738
GENERAL INFORMATION:

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; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Is
; TITLE OF INVENTION: Ischemic and Reperfused Tissue
; FILE REFERENCE: P03660U51
; CURRENT APPLICATION NUMBER: US/09/851,738
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: mammalian
US-09-851-738-6

Query Match      100.0%; Score 122; DB 23; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAAKEFIAMLVKG 27

RESULT 8
US-09-859-804-6
; Sequence 6, Application US/09859804
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/859,804
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-859-804-6

Query Match      100.0%; Score 122; DB 23; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAAKEFIAMLVKG 27

RESULT 9
US-09-953-021-6
; Sequence 6, Application US/09953021
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the
; TITLE OF INVENTION: Function of
; TITLE OF INVENTION: Ischemic and Reperfused Tissue
; FILE REFERENCE: P03660U51
; CURRENT APPLICATION NUMBER: US/09/953,021
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: mammalian
US-09-953-021-6

Query Match      100.0%; Score 122; DB 25; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAAKEFIAMLVKG 27

RESULT 10
US-09-953-021B-6
; Sequence 6, Application US/09953021B
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas L.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Is
; TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
; FILE REFERENCE: P03660U56
; CURRENT APPLICATION NUMBER: US/09/953,021B
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
; ORGANISM: Unknown Organism
US-09-953-021B-6

Query Match      100.0%; Score 122; DB 25; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAAKEFIAMLVKG 27

RESULT 11
US-09-982-978-6
; Sequence 6, Application US/09982978
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/982,978
; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-982-978-6

Query Match      100.0%; Score 122; DB 25; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
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Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAQKEFIAMLVKG 27

RESULT 12

US-10-055-259-6
; Sequence 6, Application US/10055259
; GENERAL INFORMATION:
; APPLICANT: Holst, Jens J.
; APPLICANT: Vilsbøll, Tina
; TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE BETA-CELL FUNCTION AND THE
; PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
; FILE REFERENCE: P03987US1
; CURRENT APPLICATION NUMBER: US/10/055,259
; CURRENT FILING DATE: 2002-06-21
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-055-259-6

Query Match 100.0%; Score 122; DB 26; Length 28;

Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAQKEFIAMLVKG 27

RESULT 13

US-10-091-258-6
; Sequence 6, Application US/10091258
; GENERAL INFORMATION:
; APPLICANT: Hathaway, David R
; APPLICANT: Coolidge, Thomas R
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
; FILE REFERENCE: RGN-2
; CURRENT APPLICATION NUMBER: US/10/091,258
; CURRENT FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: mammalian
US-10-091-258-6

Query Match 100.0%; Score 122; DB 26; Length 28;

Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAQKEFIAMLVKG 27

RESULT 14

US-10-291-226-125
; Sequence 125, Application US/10291226
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Søren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291,226
; CURRENT FILING DATE: 2002-11-08

; PRIOR APPLICATION NUMBER: US/09/614,847
; PRIOR FILING DATE: 12000-07-12
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
US-10-291-226-125

Query Match 100.0%; Score 122; DB 28; Length 28;

Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAQKEFIAMLVKG 27

RESULT 15

US-10-322-839-6
; Sequence 6, Application US/10322839
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario
; APPLICANT: Ehlers, Mario
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: P05671US2
; CURRENT APPLICATION NUMBER: US/10/322,839
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-10-322-839-6

Query Match 100.0%; Score 122; DB 29; Length 28;

Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 4 FTSDVSSYLEGQAQKEFIAMLVKG 27

Search completed: July 3, 2004, 00:46:14
Job time : 154.839 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:25:27 ; Search time 11.3292 Seconds
(without alignments)
105.442 Million cell updates/sec

Title: US-09-943-084-4
Perfect score: 122
Sequence: 1 FTSDVSSYLEGQAKKEFIWLKVG 24

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 327902 seqs, 49773865 residues

Total number of hits satisfying chosen parameters: 327902

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending Patents AA New:
1: /cgn2_6/prodata/2/paa/US06_NEW_COMB.pep.*
2: /cgn2_6/prodata/2/paa/US05_NEW_COMB.pep.*
3: /cgn2_6/prodata/2/paa/US07_NEW_COMB.pep.*
4: /cgn2_6/prodata/2/paa/US08_NEW_COMB.pep.*
5: /cgn2_6/prodata/2/paa/US09_NEW_COMB.pep.*
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7: /cgn2_6/prodata/2/paa/US60_NEW_COMB.pep.*

pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	122	100.0	28	US-10-291-226A-125	Sequence 125, Appl
2	122	100.0	29	US-10-716-326-24	Sequence 24, Appl
3	122	100.0	29	US-10-715-976-24	Sequence 24, Appl
4	122	100.0	29	US-10-715-976-24	Sequence 8, Appl
5	122	100.0	30	1 PCT-US04-04421-344	Sequence 344, Appl
6	122	100.0	30	1 PCT-US04-04421-728	Sequence 728, Appl
7	122	100.0	30	1 PCT-US04-04421-774	Sequence 774, Appl
8	122	100.0	30	1 PCT-US04-04421-775	Sequence 775, Appl
9	122	100.0	30	1 PCT-US04-04421-778	Sequence 778, Appl
10	122	100.0	30	1 PCT-US04-06462-90	Sequence 90, Appl
11	122	100.0	30	1 PCT-US04-06082-2	Sequence 2, Appl
12	122	100.0	30	5 US-09-716-166-14	Sequence 14, Appl
13	122	100.0	30	5 US-09-635-679E-4	Sequence 4, Appl
14	122	100.0	30	6 US-10-485-140-1	Sequence 1, Appl
15	122	100.0	30	6 US-10-485-140-3	Sequence 3, Appl
16	122	100.0	30	6 US-10-485-140-4	Sequence 4, Appl
17	122	100.0	30	6 US-10-291-226A-87	Sequence 87, Appl
18	122	100.0	30	6 US-10-291-226A-112	Sequence 112, Appl
19	122	100.0	30	6 US-10-291-226A-113	Sequence 113, Appl
20	122	100.0	30	6 US-10-291-226A-114	Sequence 114, Appl
21	122	100.0	30	6 US-10-715-180-698	Sequence 698, Appl
22	122	100.0	30	6 US-10-775-204-1808	Sequence 1808, Ad
23	122	100.0	30	6 US-10-769-080-1	Sequence 1, Appl
24	122	100.0	30	6 US-10-488-341-4	Sequence 4, Appl
25	122	100.0	30	6 US-10-716-326-25	Sequence 25, Appl
26	122	100.0	30	6 US-10-811-646-5	Sequence 5, Appl

27	122	100.0	30	6	US-10-715-976-25	Sequence 25, Appl
28	122	100.0	30	6	US-10-741-534-1	Sequence 1, Appl
29	122	100.0	30	7	US-60-549-567-48	Sequence 48, Appl
30	122	100.0	31	1	PCT-US04-04421-776	Sequence 776, Appl
31	122	100.0	31	1	PCT-US04-06462-32	Sequence 32, Appl
32	122	100.0	31	1	PCT-US04-06462-91	Sequence 91, Appl
33	122	100.0	31	1	PCT-US04-06462-92	Sequence 92, Appl
34	122	100.0	31	1	PCT-US04-06462-94	Sequence 94, Appl
35	122	100.0	31	1	PCT-US04-06082-1	Sequence 1, Appl
36	122	100.0	31	5	US-09-716-166-13	Sequence 13, Appl
37	122	100.0	31	6	US-10-485-140-8	Sequence 8, Appl
38	122	100.0	31	6	US-10-485-619-3	Sequence 3, Appl
39	122	100.0	31	6	US-10-291-226A-111	Sequence 111, Appl
40	122	100.0	31	6	US-10-291-226A-123	Sequence 123, Appl
41	122	100.0	31	6	US-10-291-226A-124	Sequence 124, Appl
42	122	100.0	31	6	US-10-486-333-1	Sequence 1, Appl
43	122	100.0	31	6	US-10-723-099A-2	Sequence 2, Appl
44	122	100.0	31	6	US-10-723-099A-17	Sequence 17, Appl
45	122	100.0	31	6	US-10-723-099A-27	Sequence 27, Appl

ALIGNMENTS

RESULT 1
US-10-291-226A-125
; Sequence 125, Application US/10291226A
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291,226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
US-10-291-226A-125

Query Match	100.0%	Score 122;	DB 6;	Length 28;
Best Local Similarity	100.0%	Pred. No. 4.2e-12;		
Matches	24;	Conservative	0;	Mismatches 0; Indels 0; Gaps 0;
QY	1	FTSDVSSYLEGQAKKEFIWLKVG	24	
DB	4	FTSDVSSYLEGQAKKEFIWLKVG	27	
RESULT 2				
US-10-716-326-24				
; Sequence 24, Application US/10716326				
; GENERAL INFORMATION:				
; APPLICANT: Genzyme Corporation				
; APPLICANT: Wadsworth, Samuel				
; APPLICANT: Armentano, Donna				
; APPLICANT: Gregory, Richard J.				
; APPLICANT: Parsons, Geoffrey				
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders				
; FILE REFERENCE: 5062CIP				
; CURRENT APPLICATION NUMBER: US/10/716,326				
; CURRENT FILING DATE: 2003-11-17				
; PRIOR APPLICATION NUMBER: US 10/215,272				
; PRIOR FILING DATE: 2002-08-07				
; PRIOR APPLICATION NUMBER: US 60/310,982				
; PRIOR FILING DATE: 2001-08-08				

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; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-716-326-24

Query Match      100.0%; Score 122; DB 6; Length 29;
Best Local Similarity 100.0%; Pred. No. 4.3e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 6 FTSDVSSYLEGQAQKEFIAMLVKG 29

RESULT 3
PCT-US04-976-24
; Sequence 24, Application US/10715976
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5121
; CURRENT APPLICATION NUMBER: US/10/715,976
; CURRENT FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-715-976-24

Query Match      100.0%; Score 122; DB 6; Length 29;
Best Local Similarity 100.0%; Pred. No. 4.3e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 6 FTSDVSSYLEGQAQKEFIAMLVKG 29

RESULT 4
US-60-549-567-8
; Sequence 8, Application US/60549567
; GENERAL INFORMATION:
; APPLICANT: SADEGHI, Homayoun
; APPLICANT: TURNER, Andrew J.
; APPLICANT: Ballance, David J.
; TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
; FILE REFERENCE: 54710-5011-PR
; CURRENT APPLICATION NUMBER: US/60/549,567
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/406,977
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: PCT/US03/26818
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 123

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 728

Query Match      100.0%; Score 122; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 6 FTSDVSSYLEGQAQKEFIAMLVKG 29

RESULT 5
PCT-US04-04421-344
; Sequence 344, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 344
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
; OTHER INFORMATION: peptide
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (30)..(30)
; OTHER INFORMATION: D-Arg
; FEATURE:
; OTHER INFORMATION: c-term amidation
PCT-US04-04421-344

Query Match      100.0%; Score 122; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVKG 24
Db 6 FTSDVSSYLEGQAQKEFIAMLVKG 29

RESULT 6
PCT-US04-04421-728
; Sequence 728, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 728
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LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
OTHER INFORMATION: Peptide
FEATURE:
NAME/KEY: MOD RES
LOCATION: (30)..(30)
OTHER INFORMATION: D-Arg
FEATURE:
OTHER INFORMATION: c-term amidation
PCT-US04-04421-728

Query Match 100.0%; Score 122; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
|||||
DB 6 FTSDVSSYLEGQAAKEFIAMLVKG 29

RESULT 7
PCT-US04-04421-774
Sequence 774, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SOCIÉTÉ DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: DONG, ZHENG ZIN
TITLE OF INVENTION: ANALOGUES OF GLP-1
FILE REFERENCE: 129P-PCT2
CURRENT APPLICATION NUMBER: PCT/US04/04421
CURRENT FILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
PRIOR APPLICATION NUMBER: 60/449,203
PRIOR FILING DATE: 2003-02-19
SOFTWARE: PatentIn version 3.2
SEQ ID NO 774
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Illustrative synthetic
OTHER INFORMATION: modified hGLP-1 peptide
FEATURE:
NAME/KEY: MOD RES
LOCATION: (2)..(2)
OTHER INFORMATION: A5C
FEATURE:
OTHER INFORMATION: c-term amidation
PCT-US04-04421-774

Query Match 100.0%; Score 122; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
|||||
DB 6 FTSDVSSYLEGQAAKEFIAMLVKG 29

RESULT 8
PCT-US04-04421-775
Sequence 775, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SOCIÉTÉ DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: DONG, ZHENG ZIN
TITLE OF INVENTION: ANALOGUES OF GLP-1
FILE REFERENCE: 129P-PCT2
CURRENT APPLICATION NUMBER: PCT/US04/04421
CURRENT FILING DATE: 2004-02-17

NUMBER OF SEQ ID NOS: 781
PRIOR APPLICATION NUMBER: 60/449,203
PRIOR FILING DATE: 2003-02-19
SOFTWARE: PatentIn version 3.2
SEQ ID NO 775
LENGTH: 30
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Illustrative hGLP-1(7-36)
FEATURE:
OTHER INFORMATION: c-term may or may not be amidated
PCT-US04-04421-775

Query Match 100.0%; Score 122; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
|||||
DB 6 FTSDVSSYLEGQAAKEFIAMLVKG 29

RESULT 9
PCT-US04-04421-778
Sequence 778, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SOCIÉTÉ DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: DONG, ZHENG ZIN
TITLE OF INVENTION: ANALOGUES OF GLP-1
FILE REFERENCE: 129P-PCT2
CURRENT APPLICATION NUMBER: PCT/US04/04421
CURRENT FILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
PRIOR APPLICATION NUMBER: 60/449,203
PRIOR FILING DATE: 2003-02-19
SOFTWARE: PatentIn version 3.2
SEQ ID NO 778
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified
OTHER INFORMATION: hGLP-1 peptide
FEATURE:
OTHER INFORMATION: c-term amidation
FEATURE:
NAME/KEY: MOD RES
LOCATION: (1)..(1)
OTHER INFORMATION: Tma-His
PCT-US04-04421-778

Query Match 100.0%; Score 122; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
|||||
DB 6 FTSDVSSYLEGQAAKEFIAMLVKG 29

RESULT 10
PCT-US04-06462-90
Sequence 90, Application PC/TUS0406462
GENERAL INFORMATION:
APPLICANT: Biorexix Pharmaceutical Corp.
APPLICANT: Sadeghi, Homayoun
APPLICANT: Prior, Christopher P.
APPLICANT: Ballance, David J.
TITLE OF INVENTION: Dipeptidyl peptidase protected proteins
FILE REFERENCE: 54710-5010-WO
CURRENT APPLICATION NUMBER: PCT/US04/06462


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; ORGANISM: Human
US-10-485-140-1
Query Match      100.0%; Score 122; DB 6; Length 30;
Best Local Similarity 100.0%; Pred.No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
   |||||
Db 6 FTSDVSSYLEGQAAKEFIAMLVKG 29

RESULT 15
US-10-485-140-3
; Sequence 3, Application US/10485140
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America, as represented by the
; APPLICANT: Secretary, Department of Health and Human Services
; APPLICANT: Greig, Nigel H.
; APPLICANT: Egan, Josephine
; APPLICANT: Doyle, Maire
; APPLICANT: Holloway, Harold
; TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
; FILE REFERENCE: 14014.0396P1
; CURRENT APPLICATION NUMBER: US/10/485,140
; PRIOR FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 60/309,076
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/Note =
; OTHER INFORMATION: Synthetic Construct
US-10-485-140-3
Query Match      100.0%; Score 122; DB 6; Length 30;
Best Local Similarity 100.0%; Pred.No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVKG 24
   |||||
Db 6 FTSDVSSYLEGQAAKEFIAMLVKG 29

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Search completed: July 3, 2004, 00:47:43
Job time : 12.3292 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:21:27 ; Search time 11.8571 Seconds
(without alignments)
100.142 Million cell updates/sec

Title: US-09-943-084-5

Perfect score: 116

Sequence: 1 FTSDVSSYLEGOAKEFIANLVK 23

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

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2: /cgn2_6/prodata/2/iaa/5S COMB pep.*

3: /cgn2_6/prodata/2/iaa/6A COMB pep.*

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5: /cgn2_6/prodata/2/iaa/6T COMB pep.*

6: /cgn2_6/prodata/2/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	116	100.0	28	1	US-08-095-162-4
2	116	100.0	28	1	US-08-297-731-9
3	116	100.0	28	1	US-08-470-220A-4
4	116	100.0	28	3	US-08-967-374-4
5	116	100.0	28	3	US-09-302-596-6
6	116	100.0	28	3	US-08-472-349-5
7	116	100.0	28	4	US-09-333-415-6
8	116	100.0	28	4	US-09-209-799D-8
9	116	100.0	28	4	US-09-505-991-4
10	116	100.0	28	4	US-09-303-016-6
11	116	100.0	28	4	US-09-212-663-5
12	116	100.0	28	4	US-09-614-847-125
13	116	100.0	28	4	US-09-997-792A-6
14	116	100.0	28	4	US-09-805-507-6
15	116	100.0	28	5	PCT-US95-10793-9
16	116	100.0	28	5	PCT-US95-15800-21
17	116	100.0	29	1	US-08-095-162-18
18	116	100.0	29	1	US-08-297-731-10
19	116	100.0	29	1	US-08-297-731-11
20	116	100.0	29	1	US-08-470-220A-18
21	116	100.0	29	3	US-08-967-374-18
22	116	100.0	29	3	US-09-302-596-5
23	116	100.0	29	3	US-08-472-349-4
24	116	100.0	29	4	US-09-333-415-5
25	116	100.0	29	4	US-09-209-799D-9
26	116	100.0	29	4	US-09-505-991-18
27	116	100.0	29	4	US-09-303-016-5

28	116	100.0	29	4	US-09-997-792A-7	Sequence 7, Appli
29	116	100.0	29	4	US-09-805-507-5	Sequence 5, Appli
30	116	100.0	29	4	US-09-585-186A-3	Sequence 3, Appli
31	116	100.0	29	5	PCT-US95-10793-10	Sequence 10, Appli
32	116	100.0	29	5	PCT-US95-10793-11	Sequence 11, Appli
33	116	100.0	30	1	US-08-066-480-6	Sequence 6, Appli
34	116	100.0	30	1	US-08-095-162-1	Sequence 1, Appli
35	116	100.0	30	1	US-08-297-731-12	Sequence 12, Appli
36	116	100.0	30	1	US-08-470-220A-1	Sequence 1, Appli
37	116	100.0	30	2	US-08-927-227-1	Sequence 1, Appli
38	116	100.0	30	3	US-08-967-374-1	Sequence 1, Appli
39	116	100.0	30	3	US-09-348-136-1	Sequence 1, Appli
40	116	100.0	30	3	US-08-961-405A-5	Sequence 5, Appli
41	116	100.0	30	3	US-08-915-918A-5	Sequence 5, Appli
42	116	100.0	30	3	US-09-302-596-4	Sequence 4, Appli
43	116	100.0	30	3	US-08-472-349-3	Sequence 3, Appli
44	116	100.0	30	4	US-09-333-415-4	Sequence 4, Appli
45	116	100.0	30	4	US-09-585-181A-4	Sequence 4, Appli

ALIGNMENTS

RESULT 1
US-08-095-162-4
; Sequence 4, Application US/08095162
; Patent No. 5512459
; GENERAL INFORMATION:
; APPLICANT: Wagner, Fred W.
; APPLICANT: Stout, Jay
; APPLICANT: Henriksen, Dennis
; APPLICANT: Partridge, Bruce
; APPLICANT: Manning, Shane
; TITLES OF INVENTION: Enzymatic Method for Modification of
; NUMBER OF INVENTION: Recombinant Polypeptides
; CORRESPONDENCE ADDRESS:
; ADDRESS: Merchant & Gould
; STREET: 3100 No. 5512459west Center
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/095,162
; FILING DATE: 20-JUL-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, Albin J.
; REGISTRATION NUMBER: 28,659
; REFERENCE/DOCKET NUMBER: 8648.32-US01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-332-5300
; TELEFAX: 612-332-9081
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; IMMEDIATE SOURCE:
; CLONING: GLP1 (7-34)

US-08-095-162-4
Query Match 100.0%; Score 116; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVK 23
 Db 6 FTSDVSSYLEGQAQKEFIAMLVK 28

RESULT 2

US-08-297-731-9
 ; Sequence 9, Application US/08297731
 ; Patent No. 5574008
 ; GENERAL INFORMATION:
 ; APPLICANT: Johnson, William T.
 ; APPLICANT: Yakubu-Madus, Fatima E.
 ; TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
 ; TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
 ; NUMBER OF SEQUENCES: 13
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Eli Lilly and Company/RSM
 ; STREET: Lilly Corporate Center
 ; CITY: Indianapolis
 ; STATE: IN
 ; COUNTRY: USA
 ; ZIP: 46285
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; OPERATING SYSTEM: IBM PC compatible
 ; SOFTWARE: Patent in Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/297,731
 ; FILING DATE:
 ; CLASSIFICATION: S14
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Maciak, Ronald S.
 ; REGISTRATION NUMBER: 35,262
 ; REFERENCE/DOCKET NUMBER: X9630
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 317-276-1664
 ; TELEFAX: 317-277-1917
 ; INFORMATION FOR SEQ ID NO: 9:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 28 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; FEATURE:
 ; NAME/KEY: Modified-site
 ; LOCATION: 27..28
 ; OTHER INFORMATION: /note= "C-terminal amide"
 ; US-08-297-731-9

Query Match 100.0%; Score 116; DB 1; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.8e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVK 23
 Db 4 FTSDVSSYLEGQAQKEFIAMLVK 26

RESULT 3

US-08-470-220A-4
 ; Sequence 4, Application US/08470220A
 ; Patent No. 5707826
 ; GENERAL INFORMATION:
 ; APPLICANT: Wagner, Fred W.
 ; APPLICANT: Stout, Jay
 ; APPLICANT: Henriksen, Dennis
 ; APPLICANT: Partridge, Bruce
 ; APPLICANT: Manning, Shane
 ; TITLE OF INVENTION: Enzymatic Method for Modification of
 ; TITLE OF INVENTION: Recombinant Polypeptides
 ; NUMBER OF SEQUENCES: 26

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merchant & Gould
 ; STREET: 3100 No. 5707826west Center
 ; CITY: Minneapolis
 ; STATE: MN
 ; COUNTRY: USA
 ; ZIP: 55402
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/470,220A
 ; FILING DATE: 06-JUN-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/095,162
 ; FILING DATE: 20-JUL-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Nelson, Albin J.
 ; REGISTRATION NUMBER: 28,659
 ; REFERENCE/DOCKET NUMBER: 8648.32-US01
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 612-332-5300
 ; TELEFAX: 612-332-9081
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 28 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; IMMEDIATE SOURCE:
 ; CLONE: GLP1 (7-34)
 ; US-08-470-220A-4

Query Match 100.0%; Score 116; DB 1; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.8e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAQKEFIAMLVK 23
 Db 6 FTSDVSSYLEGQAQKEFIAMLVK 28

RESULT 4

US-08-367-374-4
 ; Sequence 4, Application US/08967374
 ; Patent No. 6037143
 ; GENERAL INFORMATION:
 ; APPLICANT: Wagner, Fred W.
 ; APPLICANT: Stout, Jay
 ; APPLICANT: Henriksen, Dennis
 ; APPLICANT: Partridge, Bruce
 ; APPLICANT: Manning, Shane
 ; TITLE OF INVENTION: Enzymatic Method for Modification of
 ; TITLE OF INVENTION: Recombinant Polypeptides
 ; NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merchant & Gould
 ; STREET: 3100 No. 6037143west Center
 ; CITY: Minneapolis
 ; STATE: MN
 ; COUNTRY: USA
 ; ZIP: 55402
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; OPERATING SYSTEM: IBM PC compatible
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/967,374
 ; FILING DATE:


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CLASSIFICATION:
PRIOR APPLICATION DATA: 08/520,485
FILING DATE: 29-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAMES: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.32-USD1
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
MOLECULE TYPE: linear
IMMEDIATE SOURCE:
CLONE: GLP1 (7-34)
US-08-967-374-4

Query Match 100.0%; Score 116; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIWLK 23
Db 6 FTSDVSSYLEGQAQAEFIWLK 28

RESULT 5
US-09-302-596-6
Sequence 6, Application US/09302596
Patent No. 6284725
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Ehlers, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
TITLE OF INVENTION: Ischemic and Reperfused Tissue
FILE REFERENCE: P03660051
CURRENT APPLICATION NUMBER: US/09/302,596
CURRENT FILING DATE: 1999-04-30
PRIOR APPLICATION NUMBER: 60/103,498
PRIOR FILING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: mammalian
US-09-302-596-6

Query Match 100.0%; Score 116; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIWLK 23
Db 4 FTSDVSSYLEGQAQAEFIWLK 26

RESULT 6
US-08-472-349-5
Sequence 5, Application US/08472349
Patent No. 6284727
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
APPLICANT: Lambert, William J.
APPLICANT: Qi, Hong
APPLICANT: Gelfand, Robert A.
APPLICANT: Geoghegan, Kieran F.
APPLICANT: Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
```

```
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,349
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PCB391
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
US-08-472-349-5

Query Match 100.0%; Score 116; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIWLK 23
Db 6 FTSDVSSYLEGQAQAEFIWLK 28

RESULT 7
US-09-333-415-6
Sequence 6, Application US/09333415
Patent No. 6344180
GENERAL INFORMATION:
APPLICANT: Holst, Jens J.
APPLICANT: Vilsboll, Tina
TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
TITLE OF INVENTION: Function and the Presence of the Condition of IGT and
TITLE OF INVENTION: Type-II Diabetes
FILE REFERENCE: P03987050
CURRENT APPLICATION NUMBER: US/09/333,415
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; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/505,991
; FILING DATE: 17-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/520,485
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Carter, Charles G.
; REGISTRATION NUMBER: 35,093
; REFERENCE/DOCKET NUMBER: 8648.32-USDI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-332-5300
; TELEFAX: 612-332-9081
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; IMMEDIATE SOURCE:
; CLONE: GLP1 (7-34)
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-505-991-4

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Query Match 100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
DB 4 FTSDVSSYLEGQAQKEFIAMLVK 26

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RESULT 8
US-09-209-799D-8
; Sequence 8, Application US/09209799D
; Patent No. 6380357
; GENERAL INFORMATION:
; APPLICANT: Hoffmann, Ronald
; APPLICANT: Narasimhan, Chakravathy
; TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
; FILE REFERENCE: X-10242
; CURRENT APPLICATION NUMBER: US/09/209,799D
; CURRENT FILING DATE: 1998-12-11
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic construct
US-09-209-799D-8

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Query Match 100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
DB 6 FTSDVSSYLEGQAQKEFIAMLVK 28

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RESULT 9
US-09-505-991-4
; Sequence 4, Application US/09505991
; Patent No. 6403361
; GENERAL INFORMATION:
; APPLICANT: Wagner, Fred W.
; Stout, Jay
; Henriksen, Dennis
; Patridge, Bruce
; Manning, Shane
; TITLE OF INVENTION: Enzymatic Method for Modification of
; Recombinant Polypeptides
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 3100 No. 6403361west Center
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

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Query Match 100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
DB 6 FTSDVSSYLEGQAQKEFIAMLVK 28

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RESULT 10
US-09-303-016-6
; Sequence 6, Application US/09303016
; Patent No. 6429197
; GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically
; Active Analogues to Improve the Function of the
; TITLE OF INVENTION: Ischemic and Reperfused Brain
; FILE REFERENCE: P03660US2
; CURRENT APPLICATION NUMBER: US/09/303,016
; CURRENT FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 60/103,498
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-303-016-6

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Query Match 100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
DB 4 FTSDVSSYLEGQAQKEFIAMLVK 26

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RESULT 11
US-09-212-663-5
; Sequence 5, Application US/09212663
; Patent No. 6461834
; GENERAL INFORMATION:
; APPLICANT: DORMADY, Dan

```

```
; APPLICANT: STOUT, Jay S.
; APPLICANT: STRYDOM, Daniel J.
; APPLICANT: HOLMQUIST, Barton
; APPLICANT: WAGNER, Fred W.
; TITLE OF INVENTION: ENZYMATIC AMIDATION OF PEPTIDES
; FILE REFERENCE: 089187/0162
; CURRENT APPLICATION NUMBER: US/09/212,663
; PRIOR FILING DATE: 1998-12-16
; PRIOR APPLICATION NUMBER: US 60/107,311
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Escherichia coli
;
US-09-212-663-5

Query Match      100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVK 23
Db 6 FTSDVSSYLEGQAAKEFIAMLVK 28

RESULT 12
US-09-614-847-125
; Sequence 125, Application US/09614847
; Patent No. 6528486
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/09/614,847
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
;
US-09-614-847-125

Query Match      100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVK 23
Db 6 FTSDVSSYLEGQAAKEFIAMLVK 28

RESULT 13
US-09-997-792A-6
; Sequence 6, Application US/09997792A
; Patent No. 6555521
; GENERAL INFORMATION:
; APPLICANT: ELI LILLY and COMPANY
; TITLE OF INVENTION: Glucagon-Like Peptide-1 Crystals
; FILE REFERENCE: X-10242A
; CURRENT APPLICATION NUMBER: US/09/997,792A
; CURRENT FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: US 60/069,728
; PRIOR FILING DATE: 1997-12-16
; NUMBER OF SEQ ID NOS: 25

; APPLICANT: STOUT, Jay S.
; APPLICANT: STRYDOM, Daniel J.
; APPLICANT: HOLMQUIST, Barton
; APPLICANT: WAGNER, Fred W.
; TITLE OF INVENTION: ENZYMATIC AMIDATION OF PEPTIDES
; FILE REFERENCE: 089187/0162
; CURRENT APPLICATION NUMBER: US/09/212,663
; PRIOR FILING DATE: 1998-12-16
; PRIOR APPLICATION NUMBER: US 60/107,311
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Escherichia coli
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US-09-212-663-5

Query Match      100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVK 23
Db 6 FTSDVSSYLEGQAAKEFIAMLVK 28

RESULT 14
US-09-805-507-6
; Sequence 6, Application US/09805507
; Patent No. 6579851
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/805,507
; CURRENT FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
;
US-09-805-507-6

Query Match      100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIAMLVK 23
Db 4 FTSDVSSYLEGQAAKEFIAMLVK 26

RESULT 15
PCT-US95-10793-9
; Sequence 9, Application PC/TUS9510793
; GENERAL INFORMATION:
; APPLICANT: Johnson, William T.
; APPLICANT: Yakubu-Madus, Fatima B.
; TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
; TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Eli Lilly and Company/RSM
; STREET: Lilly Corporate Center
; CITY: Indianapolis
; STATE: IN
; COUNTRY: USA
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: PCT/US95/10793
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Maciak, Ronald S.
; REGISTRATION NUMBER: 35,262
; REFERENCE/DOCKET NUMBER: X9630
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 317-276-1664
; TELEFAX: 317-277-1917
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 27..28
; OTHER INFORMATION: /note= "C-terminal amide"
; PCT-US95-10793-9
;
Query Match 100.0%; Score 116; DB 5; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.Be-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFTIAVLK 23
Db 4 FTSDVSSYLEGQAAKEFTIAVLK 26

Search completed: July 3, 2004, 00:28:48
Job time : 11.8571 secs
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GenCore version 5.1.6
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OM protein - protein search, using sw model
Run on: July 3, 2004, 00:26:08 ; Search time 33.2857 Seconds
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Title: US-09-943-084-5
Perfect score: 116
Sequence: 1 FTSDVSSYLEGQAQKPIAWLVK 23

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 1276540

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_AA*
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18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	116	100.0	23	10	US-09-943-084-5
2	116	100.0	24	10	US-09-943-084-4
3	116	100.0	26	10	US-09-943-084-2
4	116	100.0	26	10	US-09-943-084-3
5	116	100.0	28	9	US-09-851-738-6
6	116	100.0	28	9	US-09-805-507-6
7	116	100.0	28	9	US-09-859-804-6
8	116	100.0	28	9	US-09-982-978-6
9	116	100.0	28	9	US-09-953-021B-6
10	116	100.0	28	10	US-09-997-792-8
11	116	100.0	28	12	US-09-767-981-1
12	116	100.0	28	12	US-09-772-607-2
13	116	100.0	28	12	US-09-858-880-3
14	116	100.0	28	14	US-10-169-657-6
15	116	100.0	28	14	US-10-091-258-6

16	116	100.0	28	14	US-10-055-259-6
17	116	100.0	28	15	US-10-378-094-7
18	116	100.0	28	15	US-10-322-839-6
19	116	100.0	28	15	US-10-215-272-23
20	116	100.0	28	16	US-10-291-226-125
21	116	100.0	29	9	US-09-851-738-5
22	116	100.0	29	9	US-09-805-507-5
23	116	100.0	29	9	US-09-859-804-5
24	116	100.0	29	9	US-09-982-978-5
25	116	100.0	29	9	US-09-953-021B-5
26	116	100.0	29	10	US-09-834-229A-3
27	116	100.0	29	10	US-09-997-792-9
28	116	100.0	29	14	US-10-169-657-7
29	116	100.0	29	14	US-10-091-258-5
30	116	100.0	29	14	US-10-055-259-5
31	116	100.0	29	15	US-10-378-094-8
32	116	100.0	29	15	US-10-322-839-5
33	116	100.0	29	15	US-10-215-272-24
34	116	100.0	30	9	US-09-851-738-4
35	116	100.0	30	9	US-09-805-507-4
36	116	100.0	30	9	US-09-859-804-4
37	116	100.0	30	9	US-09-982-978-4
38	116	100.0	30	9	US-09-953-021B-4
39	116	100.0	30	10	US-09-834-229A-5
40	116	100.0	30	10	US-09-997-792-10
41	116	100.0	30	10	US-09-997-792-15
42	116	100.0	30	10	US-09-997-792-27
43	116	100.0	30	12	US-10-393-524A-16
44	116	100.0	30	12	US-10-393-524A-17
45	116	100.0	30	12	US-10-393-524A-18

ALIGNMENTS

RESULT 1
US-09-943-084-5
; Sequence 5, Application US/09943084
; Publication No. US20030050237A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Yesook
; Qi, Hong
; Gelfand, Robert A.
; Geoghegan, Kieran F.
; Danley, Dennis B.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/943,084
; FILING DATE: 31-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,655
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheyka, Robert F.
; REGISTRATION NUMBER: 31,304
; REFERENCE/DOCKET NUMBER: PC8391
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)573-1189

TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 5:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-943-084-5

Query Match 100.0%; Score 116; DB 10; Length 23;
Best Local Similarity 100.0%; Pred. No. 2.6e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAARFIAMLVK 23
DB 1 FTSDVSSYLEGQAARFIAMLVK 23

RESULT 2

US-09-943-084-4
Sequence 4, Application US/09943084
Publication No. US2003005037A1
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 4:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-943-084-4

Query Match 100.0%; Score 116; DB 10; Length 24;
Best Local Similarity 100.0%; Pred. No. 2.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAARFIAMLVK 23
DB 1 FTSDVSSYLEGQAARFIAMLVK 23

RESULT 3

US-09-943-084-2
Sequence 2, Application US/09943084
Publication No. US2003005037A1
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
ERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-943-084-2

Query Match 100.0%; Score 116; DB 10; Length 26;
Best Local Similarity 100.0%; Pred. No. 3e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLVK 23
Db 1 FTSDVSSYLEGQAAKEFIAMLVK 23

RESULT 4
US-09-943-084-3
Sequence 3, Application US/09943084
Publication No. US20030050237A1
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghagan, Kieran P.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSER: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/943,084
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyke, Robert F.

REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 3:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-943-084-3

Query Match 100.0%; Score 116; DB 10; Length 26;
Best Local Similarity 100.0%; Pred. No. 3e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLVK 23
Db 2 FTSDVSSYLEGQAAKEFIAMLVK 24

RESULT 5
US-09-851-738-6
Sequence 6, Application US/09851738
Patent No. US20020055460A1
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
Ehlers, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
Ischemic and Reperfused Tissue
FILE REFERENCE: P03660US1
CURRENT APPLICATION NUMBER: US/09/851,738
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: 09/302,596
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: mammalian
US-09-851-738-6

Query Match 100.0%; Score 116; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLVK 23
Db 4 FTSDVSSYLEGQAAKEFIAMLVK 26

RESULT 6
US-09-805-507-6

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; Sequence 6, Application US/09805507
; Patent No. US20020098195A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/805,507
; CURRENT FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-805-507-6

Query Match      100.0%; Score 116; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 FTSDVSSYLEGQAQAKEFIAMLVK 23
Db      4 FTSDVSSYLEGQAQAKEFIAMLVK 26

RESULT 7
US-09-859-804-6
; Sequence 6, Application US/09859804
; Patent No. US20020107206A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/859,804
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-859-804-6

Query Match      100.0%; Score 116; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 FTSDVSSYLEGQAQAKEFIAMLVK 23
Db      4 FTSDVSSYLEGQAQAKEFIAMLVK 26

RESULT 8
US-09-982-978-6
; Sequence 6, Application US/09982978
; Patent No. US20020146405A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
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; CURRENT APPLICATION NUMBER: US/09/982,978
; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 09/859,804
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-982-978-6

Query Match      100.0%; Score 116; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 FTSDVSSYLEGQAQAKEFIAMLVK 23
Db      4 FTSDVSSYLEGQAQAKEFIAMLVK 26

RESULT 9
US-09-953-021B-6
; Sequence 6, Application US/09953021B
; Patent No. US20020147131A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO R.W.
; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Is
; TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
; FILE REFERENCE: P03660U6
; CURRENT APPLICATION NUMBER: US/09/953,021B
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 09/302,596
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-09-953-021B-6

Query Match      100.0%; Score 116; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 FTSDVSSYLEGQAQAKEFIAMLVK 23
Db      4 FTSDVSSYLEGQAQAKEFIAMLVK 26

RESULT 10
US-09-997-792-8
; Sequence 8, Application US/09997792
; Publication No. US20030045464A1
; GENERAL INFORMATION:
; APPLICANT: Hermeling, Ronald
; APPLICANT: Hoffmann, James
; APPLICANT: Narasimhan, Chakravarthy
; TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
; FILE REFERENCE: X-10242
; CURRENT APPLICATION NUMBER: US/09/997,792
; CURRENT FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 28
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; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic construct
US-09-997-792-8

Query Match 100.0%; Score 116; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVK 23
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Db 6 FTSDVSSYLEGQAQAEFIAMLVK 28

RESULT 11

US-09-767-981-1
; Sequence 1, Application US/09767981
; Publication No. US20010006943A1
; GENERAL INFORMATION:
; APPLICANT: Ejvind, Jensen
; APPLICANT: Jorgensen, Klavs Holger
; TITLE OF INVENTION: Protracted GLP-1 Compositions
; FILE REFERENCE: 4343.214-US
; CURRENT APPLICATION NUMBER: US/09/767,981
; CURRENT FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: US 08/860,103
; PRIOR FILING DATE: 1997-06-17
; PRIOR APPLICATION NUMBER: Danish Application PA 1478/94
; PRIOR FILING DATE: 1994-12-23
; PRIOR APPLICATION NUMBER: PCT/DK99/00263
; PRIOR FILING DATE: 1995-12-21
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-767-981-1

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Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVK 23
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Db 6 FTSDVSSYLEGQAQAEFIAMLVK 28

RESULT 12

US-09-772-607-2
; Sequence 2, Application US/09772607
; Publication No. US20010016643A1
; GENERAL INFORMATION:
; APPLICANT: Jonassen, Ib
; APPLICANT: Havelund, Svend
; APPLICANT: Hansen, Per Hertz
; APPLICANT: Kurtzhals, Peter
; APPLICANT: Halstrom, John B.
; TITLE OF INVENTION: Peptide Derivatives
; FILE REFERENCE: 4409.214-US
; CURRENT APPLICATION NUMBER: US/09/772,607
; CURRENT FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/068,822
; PRIOR FILING DATE: 1998-05-14
; PRIOR APPLICATION NUMBER: PCT/DK96/00106
; PRIOR FILING DATE: 1996-03-18
; PRIOR APPLICATION NUMBER: DK 275/95
; PRIOR FILING DATE: 1995-03-18
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 28

; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-772-607-2

Query Match 100.0%; Score 116; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVK 23
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Db 6 FTSDVSSYLEGQAQAEFIAMLVK 28

RESULT 13

US-09-858-880-3
; Sequence 3, Application US/09858880
; Publication No. US20020061838A1
; GENERAL INFORMATION:
; APPLICANT: Holmquist, Barton
; APPLICANT: Dormady, Daniel
; TITLE OF INVENTION: Peptide Pharmaceutical Formulations
; FILE REFERENCE: 1627.020US1
; CURRENT APPLICATION NUMBER: US/09/858,880
; CURRENT FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/205,377
; PRIOR FILING DATE: 2000-05-17
; PRIOR APPLICATION NUMBER: US 60/205,262
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A GLP-1 derivative
US-09-858-880-3

Query Match 100.0%; Score 116; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVK 23
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Db 6 FTSDVSSYLEGQAQAEFIAMLVK 28

RESULT 14

US-10-169-657-6
; Sequence 6, Application US/10169657
; Publication No. US20030060412A1
; GENERAL INFORMATION:
; APPLICANT: Eli Lilly and Company
; TITLE OF INVENTION: Process for Solubilizing Glucagon-Like Peptide 1 Compounds
; FILE REFERENCE: X-11708
; CURRENT APPLICATION NUMBER: US/10/169,657
; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 60/178,438
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/224,058
; PRIOR FILING DATE: 2000-08-09
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic construct
; NAME/KEY: VARIANT

LOCATION: (1)...(28)
OTHER INFORMATION: The last 3 amino acids of GIP-1 (7-37) are deleted
US-10-169-657-6

Query Match 100.0%; Score 116; DB 14; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIWLK 23
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Db 6 FTSDVSSYLEGQAAKEFIWLK 28

RESULT 15
US-10-091-258-6
Sequence 6, Application US/10091258
Publication No. US20030073626A1
GENERAL INFORMATION:
APPLICANT: Hathaway, David R
APPLICANT: Coolidge, Thomas R
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
FILE REFERENCE: RGN-2
CURRENT APPLICATION NUMBER: US/10/091,258
CURRENT FILING DATE: 2002-03-05
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: mammalian
US-10-091-258-6

Query Match 100.0%; Score 116; DB 14; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIWLK 23
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Db 4 FTSDVSSYLEGQAAKEFIWLK 26

Search completed: July 3, 2004, 00:51:50
Job time : 33.2857 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:22:02 ; Search time 147.429 Seconds
(without alignments)
152.272 Million cell updates/sec

Title: US-09-943-084-5
Perfect score: 116
Sequence: 1 FTSDVSSYLEGQAAKEFIANLVK 23

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 6019581 seqs, 976053577 residues

Total number of hits satisfying chosen parameters: 6019581

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	116	100.0	24	24	US-09-943-084-4	Sequence 4, Appli
3	116	100.0	26	24	US-09-943-084-2	Sequence 2, Appli
4	116	100.0	26	24	US-09-943-084-3	Sequence 3, Appli
5	116	100.0	28	1	PCT-US02-13088-6	Sequence 6, Appli
6	116	100.0	28	1	PCT-US02-25227-23	Sequence 23, Appli
7	116	100.0	28	1	PCT-US03-26778-7	Sequence 7, Appli
8	116	100.0	28	1	PCT-US03-26818-7	Sequence 7, Appli
9	116	100.0	28	3	US-07-893-073-5	Sequence 5, Appli
10	116	100.0	28	4	US-08-044-133-5	Sequence 5, Appli
11	116	100.0	28	7	US-08-356-231-5	Sequence 21, Appli
12	116	100.0	28	7	US-08-356-231-5	Sequence 5, Appli
13	116	100.0	28	9	US-08-520-485-4	Sequence 4, Appli
14	116	100.0	28	12	US-08-860-103-1	Sequence 1, Appli
15	116	100.0	28	12	US-08-860-103A-1	Sequence 2, Appli
16	116	100.0	28	14	US-09-088-822-2	Sequence 2, Appli
17	116	100.0	28	18	US-09-400-802A-2	Sequence 1, Appli
18	116	100.0	28	19	US-09-508-083-1	Sequence 6, Appli
19	116	100.0	28	20	US-09-646-433-6	Sequence 6, Appli
20	116	100.0	28	21	US-09-719-410-6	Sequence 4, Appli
21	116	100.0	28	22	US-09-762-538-4	Sequence 4, Appli
22	116	100.0	28	22	US-09-767-981-1	Sequence 2, Appli
23	116	100.0	28	22	US-09-772-607-2	Sequence 2, Appli
24	116	100.0	28	22	US-09-772-607A-2	Sequence 2, Appli
25	116	100.0	28	22	US-09-772-607C-2	Sequence 6, Appli
26	116	100.0	28	23	US-09-851-738-6	Sequence 3, Appli
27	116	100.0	28	23	US-09-858-880-3	Sequence 6, Appli
28	116	100.0	28	23	US-09-859-804-6	Sequence 6, Appli
29	116	100.0	28	25	US-09-953-021-6	Sequence 6, Appli
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31	116	100.0	28	25	US-09-982-378-6	Sequence 6, Appli
32	116	100.0	28	26	US-10-055-259-6	Sequence 6, Appli
33	116	100.0	28	26	US-10-091-258-6	Sequence 6, Appli
34	116	100.0	28	27	US-10-169-657-6	Sequence 6, Appli
35	116	100.0	28	28	US-10-215-372-23	Sequence 23, Appli
36	116	100.0	28	28	US-10-291-226-125	Sequence 125, Appli
37	116	100.0	28	29	US-10-322-839-6	Sequence 6, Appli
38	116	100.0	28	29	US-10-378-094-7	Sequence 7, Appli
39	116	100.0	28	33	US-60-160-203-4050	Sequence 4050, Ap
40	116	100.0	28	33	US-60-460-829-7	Sequence 7, Appli
41	116	100.0	29	1	PCT-US02-13088-5	Sequence 5, Appli
42	116	100.0	29	1	PCT-US02-25227-24	Sequence 24, Appli
43	116	100.0	29	1	PCT-US03-26778-8	Sequence 8, Appli
44	116	100.0	29	1	PCT-US03-26818-8	Sequence 8, Appli
45	116	100.0	29	3	US-07-893-073-4	Sequence 4, Appli

ALIGNMENTS

RESULT 1
US-09-943-084-5
; Sequence 5, Application US/09943084
; GENERAL INFORMATION:
; APPLICANT: Kim, Yesock
; Qi, Hong
; Geifand, Robert A.
; Geofeghan, Kieran F.
; Danley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESS: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/943,084
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 5:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-943-084-5

Query Match 100.0%; Score 116; DB 24; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.9e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFLAWLK 23
|||||
DB 1 FTSDVSSYLEGQAAKEFLAWLK 23

RESULT 2
US-09-943-084-4
Sequence 4, Application US/09943084
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/943,084
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 4:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-943-084-4

Query Match 100.0%; Score 116; DB 24; Length 24;
Best Local Similarity 100.0%; Pred. No. 7.3e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFLAWLK 23
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DB 1 FTSDVSSYLEGQAAKEFLAWLK 23

RESULT 3
US-09-943-084-2
Sequence 2, Application US/09943084
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/943,084
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A

INFORMATION FOR SEQ ID NO: 2:

ERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-943-084-2

Query Match 100.0%; Score 116; DB 24; Length 26;
Best Local Similarity 100.0%; Pred. No. 8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 FTSDVSSYLEGQAQKEFIWLK 23

RESULT 4

US-09-943-084-3
Sequence 3, Application US/09943084
GENERAL INFORMATION:
APPLICANT: Kim, Yeseok
Qi, Hong
Gelfand, Robert A.
Geoghagan, Kieran F.
Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A

INFORMATION FOR SEQ ID NO: 3:

LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-943-084-3

Query Match 100.0%; Score 116; DB 24; Length 26;
Best Local Similarity 100.0%; Pred. No. 8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIWLK 23
DB 2 FTSDVSSYLEGQAQKEFIWLK 24

RESULT 5

PCT-US02-13088-6
Sequence 6, Application PC/TUS0213088
GENERAL INFORMATION:
APPLICANT: Restoragen, Inc.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
TITLE OF INVENTION: RESISTANCE
FILE REFERENCE: RGN-3
CURRENT APPLICATION NUMBER: PCT/US02/13088
CURRENT FILING DATE: 2002-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 28
TYPE: PPT
ORGANISM: mammalian
PCT-US02-13088-6

Query Match 100.0%; Score 116; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 FTSDVSSYLEGQAAXEPIAWLVK 23
Db 4 FTSDVSSYLEGQAAXEPIAWLVK 26

RESULT 6
PCT-US02-25227-23
; Sequence 23, Application PC/TUS0225227
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel C.
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other
; TITLE OF INVENTION: Blood Sugar Disorders
; FILE REFERENCE: 2478.2019002 PCT
; CURRENT APPLICATION NUMBER: PCT/US02/25227
; CURRENT FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
PCT-US02-25227-23

Query Match 100.0%; Score 116; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAXEPIAWLVK 23
Db 6 FTSDVSSYLEGQAAXEPIAWLVK 28

RESULT 7
PCT-US03-26778-7
; Sequence 7, Application PC/TUS0326778
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; APPLICANT: SADEGHI, Homayoun
; APPLICANT: TURNER, Andrew J.
; TITLE OF INVENTION: ORAL DELIVERY OF MODIFIED TRANSFERRIN FUSION PROTEINS
; FILE REFERENCE: 54710-5006-WO
; CURRENT APPLICATION NUMBER: PCT/US03/26778
; CURRENT FILING DATE: 2003-08-28
; PRIOR APPLICATION NUMBER: US 60/406,977
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 10/378,094
; PRIOR FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: US 60/460,829
; PRIOR FILING DATE: 2003-04-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 7
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
PCT-US03-26778-7

Query Match 100.0%; Score 116; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAXEPIAWLVK 23
Db 1 FTSDVSSYLEGQAAXEPIAWLVK 23

RESULT 8
PCT-US03-26818-7
; Sequence 7, Application PC/TUS0326818
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; APPLICANT: LAI, Char-Huei
; APPLICANT: SADEGHI, Homayoun
; APPLICANT: TURNER, Andrew J.
; TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
; FILE REFERENCE: 54710-5001-01-WO
; CURRENT APPLICATION NUMBER: PCT/US03/26818
; CURRENT FILING DATE: 2003-08-28
; PRIOR APPLICATION NUMBER: US 60/406,977
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 10/378,094
; PRIOR FILING DATE: 2003-03-04
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 7
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
PCT-US03-26818-7

Query Match 100.0%; Score 116; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAXEPIAWLVK 23
Db 6 FTSDVSSYLEGQAAXEPIAWLVK 28

RESULT 9
US-07-899-073-5
; Sequence 5, Application US/07899073
; GENERAL INFORMATION:
; APPLICANT: Andrews, Glenn C.
; APPLICANT: Daumy, Gaston O.
; APPLICANT: Francoeur, Michael L.
; APPLICANT: Larson, Eric R.
; TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
; TITLE OF INVENTION: DERIVATIVES
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gregg C. Benson, Pfizer Inc
; STREET: Eastern Point Road
; CITY: Groton
; STATE: CT
; COUNTRY: USA
; ZIP: 06340
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/899,073
; FILING DATE: 19920615
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Benson, Gregg C.
; REGISTRATION NUMBER: 30,997
; REFERENCE/DOCKET NUMBER: PC8156GCB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 441-4901
; TELEFAX: (203) 441-5221
; INFORMATION FOR SEQ ID NO: 5:
```

SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: Peptide
US-07-999-073-5

Query Match 100.0%; Score 116; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFTIAWLK 23
DB 6 FTSDVSSYLEGQAAKEFTIAWLK 28

RESULT 10

US-08-044-133-5
Sequence 5, Application US/08044133
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
APPLICANT: Lambert, William J.
APPLICANT: Oi, Hong
APPLICANT: Gelfand, Robert A.
APPLICANT: Geoghegan, Kieran F.
APPLICANT: Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/044,133
FILING DATE: 07-APR-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Shevka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: -N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A

MAP POSITION: N/A
US-08-044-133-5

Query Match 100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFTIAWLK 23
DB 6 FTSDVSSYLEGQAAKEFTIAWLK 28

RESULT 11

US-08-350-530A-21
Sequence 21, Application US/08350530A
GENERAL INFORMATION:
APPLICANT: Patridge, Bruce
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Manning, Shane
APPLICANT: De La Motta, Rebecca
APPLICANT: Holmquist, Barton
APPLICANT: Wagner, Fred
TITLE OF INVENTION: PRODUCTION OF PEPTIDE USING RECOMBINANT
TITLE OF INVENTION: FUSION PROTEIN CONSTRUCTS
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 Norwest Center, 90 S. 7th Street
CITY: Minneapolis
STATE: MN
COUNTRY: U.S.A.
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/350,530A
FILING DATE: 07-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Carter, Charles G
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.45US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612/332-5300
TELEFAX: 612/332-9081
TELEX:

INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
US-08-350-530A-21

Query Match 100.0%; Score 116; DB 7; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFTIAWLK 23
DB 6 FTSDVSSYLEGQAAKEFTIAWLK 28

RESULT 12
US-08-356-231-5
Sequence 5, Application US/08356231
GENERAL INFORMATION:
APPLICANT: Andrews, Glenn C.
APPLICANT: Daumy, Gaston O.
APPLICANT: Francoeur, Michael L.
APPLICANT: Larson, Eric R.
APPLICANT: Pfizer Inc. (Non-US)
TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
DERIVATIVES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gregg C. Benson, Pfizer Inc
STREET: Eastern Point Road
CITY: Groton
STATE: CT
COUNTRY: USA
ZIP: 06340
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,231
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/899,073
FILING DATE: 15-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Benson, Gregg C.
REGISTRATION NUMBER: 30,997
REFERENCE/DOCKET NUMBER: PC8156AGCB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 441-4901
TELEFAX: (203) 441-5221
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-356-231-5
Query Match 100.0%; Score 116; DB 7; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
DB 6 FTSDVSSYLEGQAQKEFIAMLVK 28
RESULT 13
US-08-520-485-4
Sequence 4, Application US/08520485
GENERAL INFORMATION:
APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 Northwest Center
CITY: Minneapolis
STATE: MN

COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,485
FILING DATE: 29-AUG-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.32-USD1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLP1 (7-34)
US-08-520-485-4
Query Match 100.0%; Score 116; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
DB 6 FTSDVSSYLEGQAQKEFIAMLVK 28
RESULT 14
US-08-860-103-1
Sequence 1, Application US/08860103
GENERAL INFORMATION:
APPLICANT: Jensen, Bjvind
APPLICANT: Jorgensen, Klavs
TITLE OF INVENTION: Protracted GLP-1
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Novo Nordisk of North America, Inc.
STREET: 405 Lexington Avenue - 64ht Fl.
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10017
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/860,103
FILING DATE: 17-JUN-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/DK95/00516
FILING DATE: 21-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4343.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-878-9652
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-860-103-1

Query Match 100.0%; Score 116; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIWLK 23
|||
DB 6 FTSDVSSYLEGQAQKEFIWLK 28
|||

RESULT 15

US-08-860-103A-1
; Sequence 1. Application US/08860103A
; GENERAL INFORMATION:
; APPLICANT: Jensen, Bjvind
; TITLE OF INVENTION: Protracted GLP-1
; TITLE OF INVENTION: Compositions
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Novo Nordisk of North America, Inc.
; STREET: 405 Lexington Avenue - 54ht Fl.
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/860,103A
; FILING DATE: 17-JUN-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/DK95/00516
; FILING DATE: 21-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Rozek, Carol E.
; REGISTRATION NUMBER: 36,993
; REFERENCE/DOCKET NUMBER: 4343.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-878-9652
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-860-103A-1

Query Match 100.0%; Score 116; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIWLK 23
|||
DB 6 FTSDVSSYLEGQAQKEFIWLK 28
|||

Search completed: July 3, 2004, 00:46:14
Job time : 147.429 secs


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; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 23
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
US-10-716-326-23

Query Match      100.0%; Score 116; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.9e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
   |||||
Db 6 FTSDVSSYLEGQAQKEFIAMLVK 28

RESULT 3
US-10-715-976-23
; Sequence 23, Application US/10715976
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5121
; CURRENT APPLICATION NUMBER: US/10/715,976
; PRIOR FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 23
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
US-10-715-976-23

Query Match      100.0%; Score 116; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.9e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
   |||||
Db 6 FTSDVSSYLEGQAQKEFIAMLVK 28

RESULT 4
US-60-549-567-7
; Sequence 7, Application US/60549567
; GENERAL INFORMATION:
; APPLICANT: SAGEHI, Homayoun
; APPLICANT: TURNER, Andrew J.
; APPLICANT: Ballance, David J.
; TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
; FILE REFERENCE: 54710-5011-PR
; CURRENT APPLICATION NUMBER: US/60/549,567
; CURRENT FILING DATE: 2004-03-04
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/406,977
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: PCT/US03/26818
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 128

; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 7
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
US-60-549-567-7

Query Match      100.0%; Score 116; DB 7; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.9e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
   |||||
Db 6 FTSDVSSYLEGQAQKEFIAMLVK 28

RESULT 5
US-10-716-326-24
; Sequence 24, Application US/10716326
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5062CIP
; CURRENT APPLICATION NUMBER: US/10/716,326
; CURRENT FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 10/215,272
; PRIOR FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 24
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-716-326-24

Query Match      100.0%; Score 116; DB 6; Length 29;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
   |||||
Db 6 FTSDVSSYLEGQAQKEFIAMLVK 28

RESULT 6
US-10-715-976-24
; Sequence 24, Application US/10715976
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5121
; CURRENT APPLICATION NUMBER: US/10/715,976
; CURRENT FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 24
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
```

```
;
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-715-976-24

Query Match      100.0%; Score 116; DB 6; Length 29;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVK 23
   |||||
Db 6 FTSDVSSYLEGQAQAEFIAMLVK 28

RESULT 7
US-60-549-567-8
; Sequence 8, Application US/60549567
; GENERAL INFORMATION:
; APPLICANT: SADEGHI, Homayoun
; APPLICANT: TURNER, Andrew J.
; TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
; FILE REFERENCE: 54710-5011-PR
; CURRENT APPLICATION NUMBER: US/60/549,567
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/406,977
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: PCT/US03/26818
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 8
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
US-60-549-567-8

Query Match      100.0%; Score 116; DB 7; Length 29;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVK 23
   |||||
Db 6 FTSDVSSYLEGQAQAEFIAMLVK 28

RESULT 8
PCT-US04-04421-1
; Sequence 1, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 1
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
US-60-549-567-8
```

```
;
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
;
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (1)..(1)
; OTHER INFORMATION: N-Me-His
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (29)..(29)
; OTHER INFORMATION: Alb
; FEATURE:
; OTHER INFORMATION: c-term amidation
PCT-US04-04421-1

Query Match      100.0%; Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVK 23
   |||||
Db 6 FTSDVSSYLEGQAQAEFIAMLVK 28

RESULT 9
PCT-US04-04421-2
; Sequence 2, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 2
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
;
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (1)..(1)
; OTHER INFORMATION: N-Me-His
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (29)..(29)
; OTHER INFORMATION: Beta-Ala
; FEATURE:
; OTHER INFORMATION: c-term amidation
PCT-US04-04421-2

Query Match      100.0%; Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAEFIAMLVK 23
   |||||
Db 6 FTSDVSSYLEGQAQAEFIAMLVK 28

RESULT 10
PCT-US04-04421-5
; Sequence 5, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
```

1 TITLE OF INVENTION: ANALOGUES OF GLP-1
2 FILE REFERENCE: 129P-PCT2
3 CURRENT APPLICATION NUMBER: PCT/US04/04421
4 CURRENT FILING DATE: 2004-02-17
5 NUMBER OF SEQ ID NOS: 781
6 PRIOR APPLICATION NUMBER: 60/449,203
7 PRIOR FILING DATE: 2003-02-19
8 SOFTWARE: PatentIn version 3.2
9 SEQ ID NO 5
10 LENGTH: 30
11 TYPE: PRT
12 ORGANISM: Artificial Sequence
13 FEATURE:
14 OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
15 OTHER INFORMATION: peptide
16 NAME/KEY: MOD_RES
17 LOCATION: (29)..(29)
18 OTHER INFORMATION: A6c
19 FEATURE:
20 OTHER INFORMATION: c-term amidation
21 PCT-US04-04421-5

Query Match 100.0%; Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAKEFIAMLVK 23
DB 6 FTSDVSSYLEGQAQAKEFIAMLVK 28

RESULT 11
PCT-US04-04421-6
1 Sequence 6, Application PC/TUS0404421
2 GENERAL INFORMATION:
3 APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
4 APPLICANT: SCIENTIFIQUES, S.A.S
5 TITLE OF INVENTION: ANALOGUES OF GLP-1
6 CURRENT APPLICATION NUMBER: PCT/US04/04421
7 CURRENT FILING DATE: 2004-02-17
8 NUMBER OF SEQ ID NOS: 781
9 PRIOR APPLICATION NUMBER: 60/449,203
10 PRIOR FILING DATE: 2003-02-19
11 SOFTWARE: PatentIn version 3.2
12 SEQ ID NO 6
13 LENGTH: 30
14 TYPE: PRT
15 ORGANISM: Artificial Sequence
16 FEATURE:
17 OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
18 OTHER INFORMATION: peptide
19 NAME/KEY: MOD_RES
20 LOCATION: (29)..(29)
21 OTHER INFORMATION: A5c
22 FEATURE:
23 OTHER INFORMATION: c-term amidation
24 PCT-US04-04421-6

Query Match 100.0%; Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAKEFIAMLVK 23
DB 6 FTSDVSSYLEGQAQAKEFIAMLVK 28

RESULT 12
PCT-US04-04421-7

1 Sequence 7, Application PC/TUS0404421
2 GENERAL INFORMATION:
3 APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
4 APPLICANT: SCIENTIFIQUES, S.A.S
5 APPLICANT: DONG, ZHENG ZIN
6 TITLE OF INVENTION: ANALOGUES OF GLP-1
7 FILE REFERENCE: 129P-PCT2
8 CURRENT APPLICATION NUMBER: PCT/US04/04421
9 CURRENT FILING DATE: 2004-02-17
10 NUMBER OF SEQ ID NOS: 781
11 PRIOR APPLICATION NUMBER: 60/449,203
12 PRIOR FILING DATE: 2003-02-19
13 SOFTWARE: PatentIn version 3.2
14 SEQ ID NO 7
15 LENGTH: 30
16 TYPE: PRT
17 ORGANISM: Artificial Sequence
18 FEATURE:
19 OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
20 OTHER INFORMATION: peptide
21 NAME/KEY: MOD_RES
22 LOCATION: (29)..(29)
23 OTHER INFORMATION: D-Ala
24 FEATURE:
25 OTHER INFORMATION: c-term amidation
26 PCT-US04-04421-7

Query Match 100.0%; Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQAKEFIAMLVK 23
DB 6 FTSDVSSYLEGQAQAKEFIAMLVK 28

RESULT 13
PCT-US04-04421-55
1 Sequence 55, Application PC/TUS0404421
2 GENERAL INFORMATION:
3 APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
4 APPLICANT: SCIENTIFIQUES, S.A.S
5 APPLICANT: DONG, ZHENG ZIN
6 TITLE OF INVENTION: ANALOGUES OF GLP-1
7 FILE REFERENCE: 129P-PCT2
8 CURRENT APPLICATION NUMBER: PCT/US04/04421
9 CURRENT FILING DATE: 2004-02-17
10 NUMBER OF SEQ ID NOS: 781
11 PRIOR APPLICATION NUMBER: 60/449,203
12 PRIOR FILING DATE: 2003-02-19
13 SOFTWARE: PatentIn version 3.2
14 SEQ ID NO 55
15 LENGTH: 30
16 TYPE: PRT
17 ORGANISM: Artificial Sequence
18 FEATURE:
19 OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
20 OTHER INFORMATION: peptide
21 NAME/KEY: MOD_RES
22 LOCATION: (29)..(29)
23 OTHER INFORMATION: Aib
24 FEATURE:
25 NAME/KEY: MOD_RES
26 LOCATION: (30)..(30)
27 OTHER INFORMATION: D-Arg
28 FEATURE:
29 OTHER INFORMATION: c-term amidation
30 PCT-US04-04421-55

Query Match 100.0%; Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10;

Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
Db 6 FTSDVSSYLEGQAQKEFIAMLVK 28

RESULT 14

PCT-US04-04421-56
; Sequence 56, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 56
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
; OTHER INFORMATION: peptide
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (29)..(29)
; OTHER INFORMATION: Aib
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (30)..(30)
; OTHER INFORMATION: D-Lys
; FEATURE:
; OTHER INFORMATION: c-term amidation
PCT-US04-04421-56

Query Match 100.0%; Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
Db 6 FTSDVSSYLEGQAQKEFIAMLVK 28

RESULT 15

PCT-US04-04421-57
; Sequence 57, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 57
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
; OTHER INFORMATION: peptide
; FEATURE:

; NAME/KEY: MOD RES
; LOCATION: (29)..(29)
; OTHER INFORMATION: Beta-Ala
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (30)..(30)
; OTHER INFORMATION: D-Arg
; FEATURE:
; OTHER INFORMATION: c-term amidation
PCT-US04-04421-57

Query Match 100.0%; Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAQKEFIAMLVK 23
Db 6 FTSDVSSYLEGQAQKEFIAMLVK 28

Search completed: July 3, 2004, 00:47:43
Job time : 10.8571 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:21:27 ; Search time 13.9193 Seconds
(without alignments)
100.142 Million cell updates/sec

Title: US-09-943-084-7

Perfect score: 139

Sequence: 1 HAEGTFTSDVSSYLEGQAKEFIAMLV 27

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

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2: /cgn2_6/prodata/2/iaa/5B COMB.pep:*

3: /cgn2_6/prodata/2/iaa/6A COMB.pep:*

4: /cgn2_6/prodata/2/iaa/6B COMB.pep:*

5: /cgn2_6/prodata/2/iaa/PCTUS COMB.pep:*

6: /cgn2_6/prodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	139	100.0	27	3	US-08-472-349-7
2	139	100.0	28	1	US-08-095-162-4
3	139	100.0	28	1	US-08-470-220A-4
4	139	100.0	28	3	US-08-967-374-4
5	139	100.0	28	3	US-08-915-918A-3
6	139	100.0	28	3	US-08-472-349-5
7	139	100.0	28	4	US-09-209-799D-8
8	139	100.0	28	4	US-09-505-991-4
9	139	100.0	28	4	US-09-212-663-5
10	139	100.0	28	4	US-09-997-792A-6
11	139	100.0	28	4	US-10-170-301-2
12	139	100.0	28	5	PCT-US95-15800-21
13	139	100.0	29	1	US-08-095-162-18
14	139	100.0	29	1	US-08-470-220A-18
15	139	100.0	29	3	US-08-967-374-18
16	139	100.0	29	3	US-08-961-405A-3
17	139	100.0	29	3	US-08-472-349-4
18	139	100.0	29	4	US-09-209-799D-3
19	139	100.0	29	4	US-09-209-799D-9
20	139	100.0	29	4	US-09-505-991-18
21	139	100.0	29	4	US-09-997-792A-3
22	139	100.0	29	4	US-09-997-792A-7
23	139	100.0	29	4	US-09-585-186A-3
24	139	100.0	30	1	US-08-066-480-6
25	139	100.0	30	1	US-08-095-162-1
26	139	100.0	30	1	US-08-470-220A-1
27	139	100.0	30	2	US-08-927-227-1

28 139 100.0 30 3 US-08-967-374-1 Sequence 1, Appli
29 139 100.0 30 3 US-09-348-136-1 Sequence 1, Appli
30 139 100.0 30 3 US-08-961-405A-5 Sequence 5, Appli
31 139 100.0 30 3 US-08-961-405A-9 Sequence 9, Appli
32 139 100.0 30 3 US-08-915-918A-5 Sequence 5, Appli
33 139 100.0 30 3 US-08-302-596-4 Sequence 4, Appli
34 139 100.0 30 3 US-08-472-349-3 Sequence 3, Appli
35 139 100.0 30 4 US-09-333-415-4 Sequence 4, Appli
36 139 100.0 30 4 US-09-585-181A-4 Sequence 4, Appli
37 139 100.0 30 4 US-09-209-799D-10 Sequence 10, Appli
38 139 100.0 30 4 US-09-975-905-1 Sequence 1, Appli
39 139 100.0 30 4 US-09-505-991-1 Sequence 1, Appli
40 139 100.0 30 4 US-09-573-809-1 Sequence 1, Appli
41 139 100.0 30 4 US-09-303-016-4 Sequence 4, Appli
42 139 100.0 30 4 US-09-212-663-4 Sequence 4, Appli
43 139 100.0 30 4 US-09-614-847-114 Sequence 114, App
44 139 100.0 30 4 US-09-997-792A-8 Sequence 8, Appli
45 139 100.0 30 4 US-09-805-507-4 Sequence 4, Appli

ALIGNMENTS

RESULT 1
US-08-472-349-7
; Sequence 7, Application US/08472349
; Patent No. 6284727
; GENERAL INFORMATION:
; APPLICANT: Kim, Yesook
; APPLICANT: Lambert, William J.
; APPLICANT: Qi, Hong
; APPLICANT: Gelfand, Robert A.
; APPLICANT: Geoghegan, Kieran P.
; APPLICANT: Panley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,349
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,655
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Shevka, Robert F.
; REGISTRATION NUMBER: 31,304
; REFERENCE/DOCKET NUMBER: PC8391
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)573-1189
; TELEFAX: (212)573-1939
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal

ORIGINAL SOURCE:

ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
US-08-472-349-7

Query Match 100.0%; Score 139; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 5.8e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27

DB 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27

RESULT 2

US-08-095-162-4

; Sequence 4, Application US/08095162

; Patent No. 5512459

; GENERAL INFORMATION:

; APPLICANT: Wagner, Fred W.

; APPLICANT: Stout, Jay

; APPLICANT: Henriksen, Dennis

; APPLICANT: Partridge, Bruce

; APPLICANT: Manning, Shane

; TITLE OF INVENTION: Enzymatic Method for Modification of

; RECOMBINANT POLYPEPTIDES

; NUMBER OF SEQUENCES: 26

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Merchant & Gould

; STREET: 3100 No. 5512459west Center

; CITY: Minneapolis

; STATE: MN

; COUNTRY: USA

; ZIP: 55402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/095,162

; FILING DATE: 20-JUL-1993

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: Nelson, Albin J.

; REGISTRATION NUMBER: 28,659

; REFERENCE/DOCKET NUMBER: 8648.32-US01

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 612-332-5300

; TELEFAX: 612-332-9081

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 28 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; IMMEDIATE SOURCE:

; CLONE: GLP1 (7-34)

US-08-095-162-4

Query Match

Best Local Similarity 100.0%; Score 139; DB 1; Length 28;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27

DB 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27

RESULT 3

US-08-470-220A-4

; Sequence 4, Application US/08470220A

; Patent No. 5707826

; GENERAL INFORMATION:

; APPLICANT: Wagner, Fred W.

; APPLICANT: Stout, Jay

; APPLICANT: Henriksen, Dennis

; APPLICANT: Partridge, Bruce

; APPLICANT: Manning, Shane

; TITLE OF INVENTION: Enzymatic Method for Modification of

; RECOMBINANT POLYPEPTIDES

; NUMBER OF SEQUENCES: 26

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Merchant & Gould

; STREET: 3100 No. 5707826west Center

; CITY: Minneapolis

; STATE: MN

; COUNTRY: USA

; ZIP: 55402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/470,220A

; FILING DATE: 06-JUN-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/095,162

; FILING DATE: 20-JUL-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: Nelson, Albin J.

; REGISTRATION NUMBER: 28,659

; REFERENCE/DOCKET NUMBER: 8648.32-US01

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 612-332-5300

; TELEFAX: 612-332-9081

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 28 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; IMMEDIATE SOURCE:

; CLONE: GLP1 (7-34)

US-08-470-220A-4

Query Match

Best Local Similarity 100.0%; Score 139; DB 1; Length 28;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27

DB 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27

RESULT 4

US-08-967-374-4

; Sequence 4, Application US/08967374

; Patent No. 6037143

; GENERAL INFORMATION:

; APPLICANT: Wagner, Fred W.

; APPLICANT: Stout, Jay

; APPLICANT: Henriksen, Dennis

; APPLICANT: Partridge, Bruce

; APPLICANT: Manning, Shane

;; TITLE OF INVENTION: Enzymatic Method for Modification of
;; TITLE OF INVENTION: Recombinant Polypeptides
;; NUMBER OF SEQUENCES: 26
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Merchant & Gould
;; STREET: 3100 No. 6037143west Center
;; CITY: Minneapolis
;; STATE: MN
;; COUNTRY: USA
;; ZIP: 55402
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/967,374
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION NUMBER: 08/520,485
;; FILING DATE: 29-AUG-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Carter, Charles G.
;; REGISTRATION NUMBER: 35,093
;; REFERENCE/DOCKET NUMBER: 8648.32-USD1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 612-332-5300
;; TELEFAX: 612-332-9081
;; INFORMATION FOR SEQ ID NO: 4:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 28 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; IMMEDIATE SOURCE:
;; CLONE: GLP1 (7-34)
US-08-967-374-4

Query Match 100.0%; Score 139; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.1e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27
Db 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27

RESULT 5
US-08-915-918A-3
; Sequence 3, Application US/08915918A
; Patent No. 6277819
; GENERAL INFORMATION:
; APPLICANT: Eficendic, Suad
; TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF
; TITLE OF INVENTION: MYOCARDIAL INFARCTION
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BRINKS, HOFER, GILSON & LIONE
; STREET: NBC Tower - Suite 3600, 455 N. Cityfront
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60611-5599
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/915,918A
; FILING DATE: 21-AUG-1997

;; CLASSIFICATION: 514
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Martin, Alice O.
;; REGISTRATION NUMBER: 35,601
;; REFERENCE/DOCKET NUMBER: 8792/28
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 312-321-4200
;; TELEFAX: 312-321-4299
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 28 amino acids
;; TYPE: amino acid
;; STRANDEDNESS:
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
US-08-915-918A-3

Query Match 100.0%; Score 139; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.1e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27
Db 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27

RESULT 6
US-08-472-349-5
; Sequence 5, Application US/08472349
; Patent No. 6284727
; GENERAL INFORMATION:
; APPLICANT: Kim, Yesook
; APPLICANT: Lambert, William J.
; APPLICANT: Qi, Hong
; APPLICANT: Gelfand, Robert A.
; APPLICANT: Geoghegan, Kieran F.
; APPLICANT: Danley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,349
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,655
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheyka, Robert F.
; REGISTRATION NUMBER: 31,304
; REFERENCE/DOCKET NUMBER: PC8391
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)573-1189
; TELEFAX: (212)573-1939
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide

Db 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27

RESULT 10
US-09-997-792A-6
; Sequence 6, Application US/09997792A
; Patent No. 6555521
; GENERAL INFORMATION:
; APPLICANT: ELI LILLY AND COMPANY
; TITLE OF INVENTION: Glucagon-Like Peptide-1 Crystals
; FILE REFERENCE: X-10242A
; CURRENT APPLICATION NUMBER: US/09/997,792A
; CURRENT FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: US 60/069,728
; PRIOR FILING DATE: 1997-12-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-09-997-792A-6

Query Match 100.0%; Score 139; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.1e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27
|||
Db 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27

RESULT 11
US-10-170-301-2
; Sequence 2, Application US/10170301
; Patent No. 6573237
; GENERAL INFORMATION:
; APPLICANT: Rinella, Joseph
; TITLE OF INVENTION: Protein Formulations
; FILE REFERENCE: X12473A
; CURRENT APPLICATION NUMBER: US/10/170,301
; CURRENT FILING DATE: 2002-06-12
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 2
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MISC_FEATURE
; LOCATION: (28)..(28)
; OTHER INFORMATION: Xaa = Lys or Lys-Gly
US-10-170-301-2

Query Match 100.0%; Score 139; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.1e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27
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Db 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27

RESULT 12
PCT-US95-15800-21
; Sequence 21, Application PC/TUS9515800
; GENERAL INFORMATION:
; APPLICANT: Bionbraska, Inc.
; TITLE OF INVENTION: PRODUCTION OF PEPTIDES USING
; TITLE OF INVENTION: RECOMBINANT FUSION PROTEIN CONSTRUCTS
; NUMBER OF SEQUENCES: 33

Query Match 100.0%; Score 139; DB 5; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.1e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27
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Db 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27

RESULT 13
US-08-095-162-18
; Sequence 18, Application US/08095162
; Patent No. 5512459
; GENERAL INFORMATION:
; APPLICANT: Wagner, Fred W.
; APPLICANT: Stout, Jay
; APPLICANT: Henriksen, Dennis
; APPLICANT: Partridge, Bruce
; APPLICANT: Manning, Shane
; TITLE OF INVENTION: Enzymatic Method for Modification of
; TITLE OF INVENTION: Recombinant Polypeptides
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 3100 No. 5512459west Center
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

Query Match 100.0%; Score 139; DB 5; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.1e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27
|||
Db 1 HAEGTFTSDVSSYLEGQAQKEFIAMLV 27

RESULT 14
US-08-095-162-18
; Sequence 18, Application US/08095162
; Patent No. 5512459
; GENERAL INFORMATION:
; APPLICANT: Wagner, Fred W.
; APPLICANT: Stout, Jay
; APPLICANT: Henriksen, Dennis
; APPLICANT: Partridge, Bruce
; APPLICANT: Manning, Shane
; TITLE OF INVENTION: Enzymatic Method for Modification of
; TITLE OF INVENTION: Recombinant Polypeptides
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 3100 No. 5512459west Center
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/095,162
APPLICANT: 20-JUL-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Nelson, Albin J.
REGISTRATION NUMBER: 28,659
REFERENCE/DOCKET NUMBER: 8648.32-US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-095-162-18

Query Match 100.0%; Score 139; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 6.3e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27

RESULT 14
US-08-470-220A-18
Sequence 18, Application US/08470220A
Patent No. 5707826
GENERAL INFORMATION:
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 No. 5707826west Center
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICANT: 06-JUN-1995
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/095,162
FILING DATE: 20-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Nelson, Albin J.
REGISTRATION NUMBER: 28,659
REFERENCE/DOCKET NUMBER: 8648.32-US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
TOPOLOGY: linear

MOLECULE TYPE: peptide
US-08-470-220A-18

Query Match 100.0%; Score 139; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 6.3e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27

RESULT 15
US-08-967-374-18
Sequence 18, Application US/08967374
Patent No. 6037143
GENERAL INFORMATION:
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 No. 6037143west Center
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICANT: 08/08/967,374
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/520,485
FILING DATE: 29-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.32-USD1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-967-374-18

Query Match 100.0%; Score 139; DB 3; Length 29;
Best Local Similarity 100.0%; Pred. No. 6.3e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27

Search completed: July 3, 2004, 00:28:48
Job time : 13.9193 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:26:08 ; Search time 39.0745 Seconds
(without alignments)
215.093 Million cell updates/sec

Title: US-09-943-084-7

Perfect score: 139
Sequence: 1 HAEGFTSDVSSYLEGQAARFIWLV 27

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1276540 seqs, 311283816 residues

Total number of hits satisfying chosen parameters: 1276540

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

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3: /cgn2_6/ptodata/2/pubpaa/US05_NEW_PUB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	139	100.0	27	US-09-943-084-7	Sequence 7, Appli
2	139	100.0	28	US-09-997-792-8	Sequence 8, Appli
3	139	100.0	28	US-09-767-981-1	Sequence 1, Appli
4	139	100.0	28	US-09-772-607-2	Sequence 2, Appli
5	139	100.0	28	US-09-858-880-3	Sequence 3, Appli
6	139	100.0	28	US-10-169-657-3	Sequence 3, Appli
7	139	100.0	28	US-10-169-657-6	Sequence 6, Appli
8	139	100.0	28	US-10-170-301-2	Sequence 2, Appli
9	139	100.0	28	US-10-378-094-7	Sequence 7, Appli
10	139	100.0	28	US-10-215-272-23	Sequence 23, Appli
11	139	100.0	29	US-09-834-229A-3	Sequence 3, Appli
12	139	100.0	29	US-09-997-792-3	Sequence 3, Appli
13	139	100.0	29	US-09-997-792-9	Sequence 9, Appli
14	139	100.0	29	US-10-169-657-7	Sequence 7, Appli
15	139	100.0	29	US-10-378-094-8	Sequence 8, Appli

16	139	100.0	29	15	US-10-215-272-24	Sequence 24, Appli
17	139	100.0	30	9	US-09-851-738-4	Sequence 4, Appli
18	139	100.0	30	9	US-09-805-507-4	Sequence 4, Appli
19	139	100.0	30	9	US-09-859-804-4	Sequence 4, Appli
20	139	100.0	30	9	US-09-982-978-4	Sequence 4, Appli
21	139	100.0	30	9	US-09-953-021B-4	Sequence 4, Appli
22	139	100.0	30	10	US-09-834-229A-5	Sequence 5, Appli
23	139	100.0	30	10	US-09-997-792-10	Sequence 10, Appli
24	139	100.0	30	12	US-09-858-880-1	Sequence 1, Appli
25	139	100.0	30	12	US-09-858-880-2	Sequence 2, Appli
26	139	100.0	30	12	US-10-201-288-28	Sequence 28, Appli
27	139	100.0	30	13	US-10-072-540A-4	Sequence 4, Appli
28	139	100.0	30	13	US-10-125-255-1	Sequence 1, Appli
29	139	100.0	30	14	US-10-091-258-4	Sequence 4, Appli
30	139	100.0	30	14	US-10-055-259-4	Sequence 4, Appli
31	139	100.0	30	14	US-10-265-345A-2	Sequence 2, Appli
32	139	100.0	30	14	US-10-097-230-3	Sequence 3, Appli
33	139	100.0	30	15	US-10-378-094-48	Sequence 48, Appli
34	139	100.0	30	15	US-10-345-751-2	Sequence 2, Appli
35	139	100.0	30	15	US-10-322-839-4	Sequence 4, Appli
36	139	100.0	30	15	US-10-215-272-25	Sequence 25, Appli
37	139	100.0	30	15	US-10-629-261-1	Sequence 1, Appli
38	139	100.0	30	15	US-10-629-261-71	Sequence 71, Appli
39	139	100.0	30	15	US-10-629-261-72	Sequence 72, Appli
40	139	100.0	30	16	US-10-291-226-114	Sequence 114, Appli
41	139	100.0	31	9	US-09-754-723-1	Sequence 1, Appli
42	139	100.0	31	9	US-09-420-785A-3	Sequence 3, Appli
43	139	100.0	31	9	US-09-876-388-2	Sequence 2, Appli
44	139	100.0	31	9	US-09-876-388-17	Sequence 17, Appli
45	139	100.0	31	9	US-09-876-388-27	Sequence 27, Appli

ALIGNMENTS

RESULT 1

US-09-943-084-7
; Sequence 7, Application US/09943084
; Publication No. US20030050237A1

GENERAL INFORMATION:

APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pfizer Inc

STREET: 235 East 42nd Street, 20th Floor

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10017-5755

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION NUMBER: US/09/943,084

FILING DATE: 31-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Sheyka, Robert F.

REGISTRATION NUMBER: 31,304

REFERENCE/DOCKET NUMBER: PC8391

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)573-1189

```

Query Match      100.0%; Score 139; DB 15; Length 28;
Best Local Similarity 100.0%; Pred. NO. 2.5e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Dd      1 H A B C T F T S D V S Y L E G Q A K E P I A W L V   27
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RESULT 11
US-09-834-229A-3
; Sequence 3, Application US/09834229A
; Publication No. US20030022823A1
; GENERAL INFORMATION:
; APPLICANT: Efendic, Suad
; TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF MYOCARDIAL INFARCTION
; FILE REFERENCE: X-10822A
; CURRENT APPLICATION NUMBER: US/09/834,229A
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: US 08/915,918
; PRIOR FILING DATE: 1997-08-21

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RESULT 13
US-09-997-792-9
/ Sequence 9, Application US/09997792
/ Publication No. US2003004546A1
/ GENERAL INFORMATION:
/ APPLICANT: Heiteling, Ronald
/ APPLICANT: Hoffmann, James
/ APPLICANT: Narasimhan, Chakravarthy
/ TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
/ FILE REFERENCE: X-10342
/ CURRENT APPLICATION NUMBER: US/09/997,792

; CURRENT FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 9
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic construct
US-09-997-792-9

Query Match 100.0%; Score 139; DB 10; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.6e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27
DB 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27

RESULT 14

US-10-169-657-7
; Sequence 7, Application US/10169657
; Publication No. US20030060412A1
; GENERAL INFORMATION:
; APPLICANT: Eli Lilly and Company
; TITLE OF INVENTION: Process for Solubilizing Glucagon-Like Peptide 1 Compounds
; FILE REFERENCE: X-11708
; CURRENT APPLICATION NUMBER: US/10/169,657
; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 60/178,438
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/224,058
; PRIOR FILING DATE: 2000-08-09
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic construct
; NAME/KEY: VARIANT
; LOCATION: (1)..(29)
; OTHER INFORMATION: The last 2 amino acids of GLP-1 (7-37) are deleted
US-10-169-657-7

Query Match 100.0%; Score 139; DB 14; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.6e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27
DB 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27

RESULT 15

US-10-378-094-8
; Sequence 8, Application US/10378094
; Publication No. US20030221201A1
; GENERAL INFORMATION:
; APPLICANT: PRIOR, Christopher P.
; APPLICANT: LAI, Char-Ruei
; APPLICANT: SADRSHI, Homayoun
; APPLICANT: TURNER, Andrew
; TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
; FILE REFERENCE: 54710-5001-01-US
; CURRENT APPLICATION NUMBER: US/10/378,094
; CURRENT FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: US 10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059

; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 8
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
US-10-378-094-8

Query Match 100.0%; Score 139; DB 15; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.6e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27
DB 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27

Search completed: July 3, 2004, 00:51:50
Job time : 39.0745 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: July 3, 2004, 00:22:02 ; Search time 173.068 Seconds
(without alignments)
152.272 Million cell updates/sec

Title: US-09-943-084-7

Perfect score: 139

Sequence: 1 HAEGTFTSDVSSYLEGQAQKFIAMLV 27

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 6019581 seqs, 976053577 residues

Total number of hits satisfying chosen parameters: 6019581

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Pending Parents AA Main:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description

1	139	100.0	27	4	US-08-044-133-7	Sequence 7, Appli
2	139	100.0	27	5	US-08-122-077-1	Sequence 1, Appli
3	139	100.0	27	22	US-09-762-538-5	Sequence 5, Appli
4	139	100.0	27	24	US-09-943-084-7	Sequence 7, Appli
5	139	100.0	28	1	PCT-US02-25227-23	Sequence 23, Appli
6	139	100.0	28	1	PCT-US03-26778-7	Sequence 7, Appli
7	139	100.0	28	1	PCT-US03-26818-7	Sequence 7, Appli
8	139	100.0	28	3	US-07-899-073-5	Sequence 5, Appli
9	139	100.0	28	4	US-08-044-133-5	Sequence 5, Appli
10	139	100.0	28	7	US-08-350-530A-21	Sequence 21, Appli
11	139	100.0	28	7	US-08-356-231-5	Sequence 5, Appli
12	139	100.0	28	9	US-08-520-485-4	Sequence 4, Appli
13	139	100.0	28	12	US-08-860-103-1	Sequence 1, Appli
14	139	100.0	28	12	US-08-860-103A-1	Sequence 1, Appli
15	139	100.0	28	14	US-09-068-822-2	Sequence 2, Appli
16	139	100.0	28	18	US-09-400-802A-2	Sequence 2, Appli
17	139	100.0	28	18	US-09-400-802A-33	Sequence 33, Appli
18	139	100.0	28	18	US-09-400-802A-34	Sequence 34, Appli
19	139	100.0	28	19	US-09-508-083-1	Sequence 1, Appli
20	139	100.0	28	22	US-09-762-538-4	Sequence 4, Appli
21	139	100.0	28	22	US-09-767-981-1	Sequence 1, Appli
22	139	100.0	28	22	US-09-772-607-2	Sequence 2, Appli
23	139	100.0	28	22	US-09-772-607A-2	Sequence 2, Appli
24	139	100.0	28	22	US-09-772-607C-2	Sequence 2, Appli
25	139	100.0	28	23	US-09-858-880-3	Sequence 3, Appli
26	139	100.0	28	27	US-10-149-557-3	Sequence 3, Appli
27	139	100.0	28	27	US-10-183-557-6	Sequence 6, Appli
28	139	100.0	28	28	US-10-215-272-23	Sequence 23, Appli
29	139	100.0	28	29	US-10-378-094-7	Sequence 7, Appli
30	139	100.0	28	33	US-60-160-203-4050	Sequence 4050, Ap
31	139	100.0	28	33	US-60-460-829-7	Sequence 7, Appli
32	139	100.0	29	1	PCT-US02-25227-24	Sequence 24, Appli
33	139	100.0	29	1	PCT-US03-26778-8	Sequence 8, Appli
34	139	100.0	29	1	PCT-US03-26818-8	Sequence 8, Appli
35	139	100.0	29	1	PCT-US03-26818-3	Sequence 3, Appli
36	139	100.0	29	3	US-07-899-073-4	Sequence 4, Appli
37	139	100.0	29	4	US-08-044-133-4	Sequence 4, Appli
38	139	100.0	29	7	US-08-350-538-52	Sequence 52, Appli
39	139	100.0	29	7	US-08-356-231-4	Sequence 4, Appli
40	139	100.0	29	9	US-08-520-485-18	Sequence 18, Appli
41	139	100.0	29	13	US-08-934-171-52	Sequence 52, Appli
42	139	100.0	29	17	US-09-383-789B-2	Sequence 2, Appli
43	139	100.0	29	18	US-09-400-802A-3	Sequence 3, Appli
44	139	100.0	29	19	US-09-586-186-3	Sequence 3, Appli
45	139	100.0	29	22	US-09-762-538-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1

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US-08-044-133-7
; Sequence 7, Application US/08044133
; GENERAL INFORMATION:
; APPLICANT: Kim, Yesook
; APPLICANT: Lambert, William J.
; APPLICANT: Qi, Hong
; APPLICANT: Gelfand, Robert A.
; APPLICANT: Geoghegan, Kieran F.
; APPLICANT: Danley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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1  FILING DATE: 24-AUG-1993
2  ATTORNEY/AGENT INFORMATION:
3  NAME: Lambiris, Elias J.
4  REGISTRATION NUMBER: 33,728
5  REFERENCE/DOCKET NUMBER: 4058.200-US
6  TELECOMMUNICATION INFORMATION:
7  TELEPHONE: 212-867-0123
8  TELEFAX: 212-867-0298
9  INFORMATION FOR SEQ ID NO: 1:
10 SEQUENCE CHARACTERISTICS:
11 LENGTH: 27 amino acids
12 TYPE: amino acid
13 STRANDEDNESS: single
14 TOPOLOGY: linear
15 MOLECULE TYPE: protein
16 US-08-122-077-1
17
18 Query Match 100.0%; Score 139; DB 5; Length 27;
19 Best Local Similarity 100.0%; Pred. No. 7.1e-14;
20 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
21
22 QY 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27
23 DB 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27
24
25 RESULT 3
26 US-09-762-538-5
27 Sequence 5, Application US/09762538
28 GENERAL INFORMATION:
29 APPLICANT: Riccardo Perfetti
30 APPLICANT: Antonino Passaniti
31 APPLICANT: Nigel Greig
32 APPLICANT: Harold Holloway
33 TITLE OF INVENTION: INSULIN PRODUCING CELLS DIFFERENTIATED
34 TITLE OF INVENTION: FROM NON-INSULIN PRODUCING CELLS BY GLP-1 OR EXTENDIN-4 AND
35 TITLE OF INVENTION: USES THEREOF
36 FILE REFERENCE: 14014.0346P
37 CURRENT APPLICATION NUMBER: US/09/762,538
38 CURRENT FILING DATE: 2001-02-08
39 PRIOR APPLICATION NUMBER: 60/095,917
40 PRIOR FILING DATE: 1998-08-10
41 NUMBER OF SEQ ID NOS: 25
42 SOFTWARE: FastSeq for Windows Version 3.0
43 SEQ ID NO 5
44 LENGTH: 27
45 TYPE: PRT
46 ORGANISM: Human
47 US-09-762-538-5
48
49 Query Match 100.0%; Score 139; DB 22; Length 27;
50 Best Local Similarity 100.0%; Pred. No. 7.1e-14;
51 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
52
53 QY 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27
54 DB 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27
55
56 RESULT 4
57 US-09-943-084-7
58 Sequence 7, Application US/09943084
59 GENERAL INFORMATION:
60 APPLICANT: Kim, Yesook
61 APPLICANT: Lambert, William J.
62 APPLICANT: Qi, Hong
63 APPLICANT: Gelfand, Robert A.
64 APPLICANT: Geoghegan, Kieran P.
65 APPLICANT: Danley, Dennis E.
66 TITLE OF INVENTION: Prolonged Delivery of Peptides
67 NUMBER OF SEQUENCES: 7
68 CORRESPONDENCE ADDRESS:
69 ADDRESSEE: Pfizer Inc

```

STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-943-084-7
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Best Local Similarity 100.0%; Pred. No. 7.1e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 HAEGTFTSDVSSYLEGQAAKEFIWLV 27
DB 1 HAEGTFTSDVSSYLEGQAAKEFIWLV 27
RESULT 5
PCT-US02-25227-23
Sequence 23, Application PC/TUS0225227
GENERAL INFORMATION:
APPLICANT: Genzyme Corporation
APPLICANT: Wadsworth, Samuel C.
APPLICANT: Armentano, Donna
APPLICANT: Gregory, Richard J.
APPLICANT: Parsons, Geoffrey
TITLE OF INVENTION: Methods of Treating Diabetes and Other
FILE REFERENCE: 2478.2019002 PCT
CURRENT APPLICATION NUMBER: PCT/US02/25227
CURRENT FILING DATE: 2002-08-07

PRIOR APPLICATION NUMBER: US 60/310,982
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 54
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 23
LENGTH: 28
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
PCT-US02-25227-23
Query Match 100.0%; Score 139; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 HAEGTFTSDVSSYLEGQAAKEFIWLV 27
DB 1 HAEGTFTSDVSSYLEGQAAKEFIWLV 27
RESULT 6
PCT-US03-26778-7
Sequence 7, Application PC/TUS0326778
GENERAL INFORMATION:
APPLICANT: PRIOR, Christopher P.
APPLICANT: SADEGHI, Homayoun
APPLICANT: TURNER, Andrew J.
TITLE OF INVENTION: ORAL DELIVERY OF MODIFIED TRANSFERRIN FUSION PROTEINS
FILE REFERENCE: 54710-5006-WO
CURRENT APPLICATION NUMBER: PCT/US03/26778
CURRENT FILING DATE: 2003-08-28
PRIOR APPLICATION NUMBER: US 60/406,977
PRIOR FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: US 10/378,094
PRIOR FILING DATE: 2003-03-04
PRIOR APPLICATION NUMBER: US 60/460,829
PRIOR FILING DATE: 2003-04-08
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patent in version 3.2
SEQ ID NO 7
LENGTH: 28
TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
PCT-US03-26778-7
Query Match 100.0%; Score 139; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 HAEGTFTSDVSSYLEGQAAKEFIWLV 27
DB 1 HAEGTFTSDVSSYLEGQAAKEFIWLV 27
RESULT 7
PCT-US03-26818-7
Sequence 7, Application PC/TUS0326818
GENERAL INFORMATION:
APPLICANT: PRIOR, Christopher P.
APPLICANT: LAI, Char-Huei
APPLICANT: SADEGHI, Homayoun
APPLICANT: TURNER, Andrew J.
TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
FILE REFERENCE: 54710-5001-01-WO
CURRENT APPLICATION NUMBER: PCT/US03/26818
CURRENT FILING DATE: 2003-08-28
PRIOR APPLICATION NUMBER: US 60/406,977
PRIOR FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: US 10/378,094
PRIOR FILING DATE: 2003-03-04

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; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
PCT-US03-26818-7

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Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27

RESULT 8
US-07-899-073-5
; Sequence 5, Application US/07899073
; GENERAL INFORMATION:
; APPLICANT: Andrews, Glenn C.
; APPLICANT: Danny, Gaston O.
; APPLICANT: Francoeur, Michael L.
; APPLICANT: Larson, Eric R.
; TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
; DERIVATIVES
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gregg C. Benson, Pfizer Inc
; STREET: Eastern Point Road
; CITY: Groton
; STATE: CT
; COUNTRY: USA
; ZIP: 06340
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; APPLICATION NUMBER: US/07/899,073
; FILING DATE: 19920615
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Benson, Gregg C.
; REGISTRATION NUMBER: 30,997
; REFERENCE/DOCKET NUMBER: PC8156GCB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 441-4901
; TELEFAX: (203) 441-5221
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-07-899-073-5

Query Match      100.0%; Score 139; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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    |||||
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27

RESULT 9
US-08-044-133-5
; Sequence 5, Application US/08044133
; GENERAL INFORMATION:
; APPLICANT: Patridge, Bruce
; APPLICANT: Stout, Jay
; APPLICANT: Henriksen, Dennis
```

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; GENERAL INFORMATION:
; APPLICANT: Kim, Yesook
; APPLICANT: Lambert, William J.
; APPLICANT: Qi, Hong
; APPLICANT: Geifand, Robert A.
; APPLICANT: Geoghegan, Kieran P.
; APPLICANT: Danley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/044,133
; FILING DATE: 07-APR-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Shey'ka, Robert F.
; REGISTRATION NUMBER: 31,304
; REFERENCE/DOCKET NUMBER: PC8391
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)573-1189
; TELEFAX: (212)573-1939
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: N/A
; STRAIN: N/A
; INDIVIDUAL ISOLATE: N/A
; HAPLOTYPE: N/A
; CELL LINE: N/A
; IMMEDIATE SOURCE:
; LIBRARY: N/A
; CLONE: N/A
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: N/A
; MAP POSITION: N/A
US-08-044-133-5

Query Match      100.0%; Score 139; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
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Db 1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27

RESULT 10
US-08-350-530A-21
; Sequence 21, Application US/08350530A
; GENERAL INFORMATION:
; APPLICANT: Patridge, Bruce
; APPLICANT: Stout, Jay
; APPLICANT: Henriksen, Dennis
```

APPLICANT: Manning, Shane
APPLICANT: De La Motta, Rebecca
APPLICANT: Holmquist, Barton
APPLICANT: Wagner, Fred
TITLE OF INVENTION: PRODUCTION OF PEPTIDE USING RECOMBINANT
TITLE OF INVENTION: FUSION PROTEIN CONSTRUCTS
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 Norwest Center, 90 S. 7th Street
CITY: Minneapolis
STATE: MN
COUNTRY: U.S.A.
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/350,530A
FILING DATE: 07-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Carter, Charles G
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.45US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612/332-5300
TELEFAX: 612/332-9081
TELEX:

INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
US-08-350-530A-21

Query Match 100.0%; Score 139; DB 7; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
DB 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27

RESULT 11
US-08-356-231-5
Sequence 5, Application US/08356231
GENERAL INFORMATION:
APPLICANT: Andrews, Glenn C.
APPLICANT: Daumy, Gaston O.
APPLICANT: Francoeur, Michael L.
APPLICANT: Larson, Eric R.
APPLICANT: Pfizer Inc. (Non-US)
TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
TITLE OF INVENTION: DERIVATIVES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gregg C. Benson, Pfizer Inc
STREET: Eastern Point Road
CITY: Groton
STATE: CT

COUNTRY: USA
ZIP: 06340
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,231
FILING DATE:

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/899,073
FILING DATE: 15-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Benson, Gregg C.
REGISTRATION NUMBER: 30,997
REFERENCE/DOCKET NUMBER: PC8156AGCB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 441-4901
TELEFAX: (203) 441-5221
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-356-231-5

Query Match 100.0%; Score 139; DB 7; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
DB 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27

RESULT 12
US-08-520-485-4
Sequence 4, Application US/08520485
GENERAL INFORMATION:
APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 Norwest Center
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,485
FILING DATE: 29-AUG-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.32-US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLP1 (7-34)
US-08-520-485-4

Query Match 100.0%; Score 139; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27

RESULT 13

US-08-860-103-1
; Sequence 1, Application US/08860103

GENERAL INFORMATION:
APPLICANT: Jensen, Ejvind
TITLE OF INVENTION: Protracted GLP-1
TITLE OF INVENTION: Protracted GLP-1
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Novo Nordisk of North America, Inc.
STREET: 405 Lexington Avenue - 64ht Fl.
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10017

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
FILING DATE: 17-JUN-1997
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/DK95/00516
FILING DATE: 21-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4343.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-878-9652
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-860-103-1

Query Match 100.0%; Score 139; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27

RESULT 14

US-08-860-103A-1
; Sequence 1, Application US/08860103A

GENERAL INFORMATION:
APPLICANT: Jensen, Ejvind
APPLICANT: Jorgensen, Klavs
TITLE OF INVENTION: Protracted GLP-1
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Novo Nordisk of North America, Inc.
STREET: 405 Lexington Avenue - 64ht Fl.
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10017

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/860,103A
FILING DATE: 17-JUN-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/DK95/00516
FILING DATE: 21-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rozek, Carol E.
REGISTRATION NUMBER: 36,993
REFERENCE/DOCKET NUMBER: 4343.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-878-9652
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-860-103A-1

Query Match 100.0%; Score 139; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27

RESULT 15

US-09-068-822-2
; Sequence 2, Application US/09068822

GENERAL INFORMATION:
APPLICANT: Jonassen, Ib
APPLICANT: Havelund, Svend
APPLICANT: Hansen, Per Hertz
APPLICANT: Kurtzhals, Peter
APPLICANT: Halstrom, John Broberg
TITLE OF INVENTION: Lipophilic Peptide Hormone Derivatives
FILE REFERENCE: 4409.204-US
CURRENT APPLICATION NUMBER: US/09/068,822
CURRENT FILING DATE: 1998-05-14
PRIOR APPLICATION NUMBER: PCT/DK96/00106
PRIOR FILING DATE: 1996-03-18
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 28
TYPE: PPT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Variation
US-09-068-822-2

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Query Match      100.0%; Score 139; DB 14; Length 38;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFTIAWLV 27
    |||||
DB 1 HAEGTFTSDVSSYLEGQAAKEFTIAWLV 27
    |||||

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Search completed: July 3, 2004, 00:46:15
Job time : 174.068 secs

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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:25:27 ; Search time 12.7453 Seconds
(without alignments)
105.442 Million cell updates/sec

Title: US-09-943-084-7
Perfect score: 139
Sequence: 1 HAEGETFTSDVSSYLEGQAQKEFIAMLV 27

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 327902 seqs, 49773865 residues

Total number of hits satisfying chosen parameters: 327902

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending Patents AA New:
1: /cgm2_6/ptodata/2/paa/PCT_NEW_COMB.pep.*
2: /cgm2_6/ptodata/2/paa/US06_NEW_COMB.pep.*
3: /cgm2_6/ptodata/2/paa/US07_NEW_COMB.pep.*
4: /cgm2_6/ptodata/2/paa/US08_NEW_COMB.pep.*
5: /cgm2_6/ptodata/2/paa/US09_NEW_COMB.pep.*
6: /cgm2_6/ptodata/2/paa/US10_NEW_COMB.pep.*
7: /cgm2_6/ptodata/2/paa/US60_NEW_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	139	100.0	28	US-10-716-326-23	Sequence 23, Appl
2	139	100.0	28	US-10-811-646-3	Sequence 3, Appl
3	139	100.0	28	US-10-715-976-23	Sequence 23, Appl
4	139	100.0	28	US-60-549-567-7	Sequence 7, Appl
5	139	100.0	29	US-10-716-326-24	Sequence 24, Appl
6	139	100.0	29	US-10-715-976-24	Sequence 24, Appl
7	139	100.0	29	US-60-549-567-8	Sequence 8, Appl
8	139	100.0	30	PCT-US04-04421-775	Sequence 775, App
9	139	100.0	30	PCT-US04-06082-2	Sequence 2, Appl
10	139	100.0	30	US-09-716-166-14	Sequence 14, Appl
11	139	100.0	30	US-03-635-679B-4	Sequence 4, Appl
12	139	100.0	30	US-10-485-140-1	Sequence 1, Appl
13	139	100.0	30	US-20-485-140-4	Sequence 4, Appl
14	139	100.0	30	US-10-291-226A-114	Sequence 114, App
15	139	100.0	30	US-10-769-080-1	Sequence 1, Appl
16	139	100.0	30	US-10-488-341-4	Sequence 4, Appl
17	139	100.0	30	US-10-716-326-25	Sequence 25, Appl
18	139	100.0	30	US-10-811-646-5	Sequence 5, Appl
19	139	100.0	30	US-10-715-976-25	Sequence 25, Appl
20	139	100.0	30	US-10-741-534-1	Sequence 1, Appl
21	139	100.0	30	US-60-549-567-48	Sequence 48, Appl
22	139	100.0	31	PCT-US04-04421-776	Sequence 776, App
23	139	100.0	31	PCT-US04-06462-32	Sequence 32, Appl
24	139	100.0	31	PCT-US04-06462-91	Sequence 91, Appl
25	139	100.0	31	PCT-US04-06462-94	Sequence 94, Appl
26	139	100.0	31	PCT-US04-06082-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-10-716-326-23
; Sequence 23, Application US/10716326
; GENERAL INFORMATION:

; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey

; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5062CIP
; CURRENT APPLICATION NUMBER: US/10/716,326
; CURRENT FILING DATE: 2003-11-17
; PRIOR FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 10/215,272
; PRIOR FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982

; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence

; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
US-10-716-326-23

Query Match 100.0%; Score 139; DB 6; Length 28;
Best Local Similarity 100.0%; Pred No. 4,5e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGETFTSDVSSYLEGQAQKEFIAMLV 27
Db 1 HAEGETFTSDVSSYLEGQAQKEFIAMLV 27

RESULT 2
US-10-811-646-3
; Sequence 3, Application US/10811646
; GENERAL INFORMATION:

; APPLICANT: Eficendic, Suad
; TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF MYOCARDIAL INFARCTION
; FILE REFERENCE: X-10822A
; CURRENT APPLICATION NUMBER: US/10/811,646
; CURRENT FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: US 60/024,980
; PRIOR FILING DATE: 1996-08-30
; PRIOR APPLICATION NUMBER: US 08/915,918
; PRIOR FILING DATE: 1997-08-21

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; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic construct
; NAME/KEY: VARIANT
; LOCATION: {28}..{28}
; OTHER INFORMATION: Xaa at position 28 is Lys and Lys-Gly
US-10-811-646-3

Query Match      100.0%; Score 139; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAPLV 27
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Db 1 HAEGTFTSDVSSYLEGQAAKEFIAPLV 27

RESULT 3
US-10-715-976-23
; Sequence 23, Application US/10715976
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5121
; CURRENT APPLICATION NUMBER: US/10/715,976
; CURRENT FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
US-10-715-976-23

Query Match      100.0%; Score 139; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAPLV 27
   |||||
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAPLV 27

RESULT 4
US-60-549-567-7
; Sequence 7, Application US/60549567
; GENERAL INFORMATION:
; APPLICANT: SADEGHI, Homayoun
; APPLICANT: TURNER, Andrew J.
; APPLICANT: Ballance, David J.
; TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
; FILE REFERENCE: 54710-5011-PR
; CURRENT APPLICATION NUMBER: US/60/549,567
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/406,977

; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic construct
; NAME/KEY: VARIANT
; LOCATION: {28}..{28}
; OTHER INFORMATION: Xaa at position 28 is Lys and Lys-Gly
US-10-811-646-3

Query Match      100.0%; Score 139; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAPLV 27
   |||||
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAPLV 27

RESULT 5
US-10-716-326-24
; Sequence 24, Application US/10716326
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5062CIP
; CURRENT APPLICATION NUMBER: US/10/716,326
; CURRENT FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 10/215,272
; PRIOR FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-716-326-24

Query Match      100.0%; Score 139; DB 6; Length 29;
Best Local Similarity 100.0%; Pred. No. 4.6e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAPLV 27
   |||||
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAPLV 27

RESULT 6
US-10-715-976-24
; Sequence 24, Application US/10715976
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5121
; CURRENT APPLICATION NUMBER: US/10/715,976
; CURRENT FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
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; SEQ ID NO 24
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-715-976-24

Query Match      100.0%; Score 139; DB 6; Length 29;
Best Local Similarity 100.0%; Pred. No. 4.6e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27

RESULT 7
US-60-549-567-8
; Sequence 8, Application US/60549567
; GENERAL INFORMATION:
; APPLICANT: SADEGHI, Homayoun
; APPLICANT: TURNER, Andrew J.
; APPLICANT: Ballance, David J.
; TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
; FILE REFERENCE: 54710-5011-PR
; CURRENT APPLICATION NUMBER: US/60/549,567
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/406,977
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: PCT/US03/26818
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
US-60-549-567-8

Query Match      100.0%; Score 139; DB 7; Length 29;
Best Local Similarity 100.0%; Pred. No. 4.6e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27

RESULT 8
PCT-US04-04421-775
; Sequence 775, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 775
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; LENGTH: 30
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Illustrative hGLP-1(7-36)
; FEATURE:
; OTHER INFORMATION: c-term may or may not be amidated
PCT-US04-04421-775

Query Match      100.0%; Score 139; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27

RESULT 9
PCT-US04-06082-2
; Sequence 2, Application PC/TUS0406082
; GENERAL INFORMATION:
; APPLICANT: Eli Lilly and Company
; TITLE OF INVENTION: Polyethylene Glycol Linked GLP-1 Compounds
; FILE REFERENCE: X-16020
; CURRENT APPLICATION NUMBER: PCT/US04/06082
; CURRENT FILING DATE: 2004-03-23
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION:
PCT-US04-06082-2

Query Match      100.0%; Score 139; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27
Db 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27

RESULT 10
US-09-716-166-14
; Sequence 14, Application US/09716166
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Concino, Michael F.
; APPLICANT: Duguay, Stephen J.
; TITLE OF INVENTION: NUCLEIC ACID CONSTRUCT FOR OPTIMIZED
; FILE REFERENCE: 10278-014001
; CURRENT APPLICATION NUMBER: US/09/716,166
; CURRENT FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/166,508
; PRIOR FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetically generated polypeptide
US-09-716-166-14

Query Match      100.0%; Score 139; DB 5; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAEGTFTSDVSSYLEGQAAKEFIAWL 27
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Db 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
|||||

RESULT 11

US-09-635-679E-4
; Sequence 4, Application US/09635679E
; GENERAL INFORMATION:
; APPLICANT: Habener, Joel
; TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
; FILE REFERENCE: 0609.1090909
; CURRENT APPLICATION NUMBER: US/09/635,679E
; CURRENT FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: 09/090,949
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 08/749,762
; PRIOR FILING DATE: 1996-11-20
; PRIOR APPLICATION NUMBER: 08/156,800
; PRIOR FILING DATE: 1993-11-23
; PRIOR APPLICATION NUMBER: 07/756,215
; PRIOR FILING DATE: 1991-09-05
; PRIOR APPLICATION NUMBER: 07/532,111
; PRIOR FILING DATE: 1990-06-01
; PRIOR APPLICATION NUMBER: 07/148,517
; PRIOR FILING DATE: 1988-01-26
; PRIOR APPLICATION NUMBER: 06/859,928
; PRIOR FILING DATE: 1986-05-05
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: insulinotropic peptide
US-09-635-679E-4

Query Match 100.0%; Score 139; DB 5; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
|||||

Db 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
|||||

RESULT 12

US-10-485-140-1
; Sequence 1, Application US/10485140
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America, as represented by the
; APPLICANT: Secretary, Department of Health and Human Services
; APPLICANT: Greig, Nigel H.
; APPLICANT: Egan, Josephine
; APPLICANT: Doyle, Maire
; TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
; FILE REFERENCE: 14014.0396P1
; CURRENT APPLICATION NUMBER: US/10/485,140
; CURRENT FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 60/309,076
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Human
US-10-485-140-1

Query Match 100.0%; Score 139; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
|||||

Db 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
|||||

RESULT 13

US-10-485-140-4
; Sequence 4, Application US/10485140
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America, as represented by the
; APPLICANT: Secretary, Department of Health and Human Services
; APPLICANT: Greig, Nigel H.
; APPLICANT: Egan, Josephine
; APPLICANT: Doyle, Maire
; TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
; FILE REFERENCE: 14014.0396P1
; CURRENT APPLICATION NUMBER: US/10/485,140
; CURRENT FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 60/309,076
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/Note =
; OTHER INFORMATION: Synthetic Construct
US-10-485-140-4

Query Match 100.0%; Score 139; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
|||||

Db 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
|||||

RESULT 14

US-10-291-226A-114
; Sequence 114, Application US/10291226A
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; APPLICANT: Neve, Soren
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291,226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 114
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: GLP-1(7-36)
US-10-291-226A-114

Query Match 100.0%; Score 139; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
|||||

Db 1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
|||||

RESULT 15
US-10-769-080-1
; Sequence 1, Application US/10769080
; GENERAL INFORMATION:
; APPLICANT: Galloway, John A
; APPLICANT: Hoffmann, James A
; TITLE OF INVENTION: Glucagon-Like Insulinotropic Peptides, Compositions and Methods
; FILE REFERENCE: X-9332G
; CURRENT APPLICATION NUMBER: US/10/769,080
; CURRENT FILING DATE: 2004-01-30
; PRIOR APPLICATION NUMBER: 09/573,809
; PRIOR FILING DATE: 2000-05-18
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (30)..(30)
; OTHER INFORMATION: The arginine residue at position 30 is modified so as to replace
; OTHER INFORMATION: the terminal carboxyl group with an amine.
US-10-769-080-1

Query Match 100.0%; Score 139; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27
DB 1 HAEGFTSDVSSYLEGQAAKEFIAMLV 27

Search completed: July 3, 2004, 00:47:43
Job time : 12.7453 secs